

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2779265

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECORDED EXECUTION DATE previously recorded on Reel 028911 Frame 0846. Assignor(s) hereby confirms the "RECORDED EXECUTION DATE: OCTOBER 10, 2011" IS INCORRECT.	
CONVEYING PARTY DATA		
	Name	Execution Date
	HEWLETT-PACKARD COMPANY	11/08/2011
RECEIVING PARTY DATA		
Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
Street Address:	11445 COMPAQ CENTER DRIVE WEST	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77070	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Patent Number:	6553568	
Patent Number:	6795429	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	lsabido@qualcomm.com	
Correspondent Name:	QUALCOMM INCORPORATED	
Address Line 1:	5775 MOREHOUSE DRIVE	
Address Line 4:	SAN DIEGO, CALIFORNIA 92121-1714	
NAME OF SUBMITTER:	L.SABIDO	
SIGNATURE:	/L.SABIDO/	
DATE SIGNED:	03/21/2014	
Total Attachments: 115		
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RECORDATION FORM COVER SHEET
PATENTS ONLY

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)

HEWLETT-PACKARD COMPANY

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 8, 2011

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Corrective Assignment to correct Recorded Execution Date (028911/0846)

2. Name and address of receiving party(ies)

Name: HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Internal Address: _____

Street Address: 11445 COMPAQ CENTER DRIVE WEST

City: HOUSTON

State: CA

Country: USA Zip: 77070

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

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

6,553,568; 6,795,429

Additional numbers attached? ☐ Yes ☒ No

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

Name: QUALCOMM INCORPORATED

Internal Address: _____

Street Address: 5775 MOREHOUSE DRIVE

City: SAN DIEGO

State: CA Zip: 92121

Phone Number: _____

Docket Number: _____

Email Address: _____

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature: L.SABIDO

March 21, 2014

Signature

Date

/LSABIDO/

Name of Person Signing

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

115

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

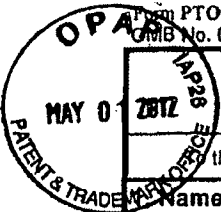
PATENT

REEL: 032493 FRAME: 0321

Corrective assignment

08/01/2012

PA



PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/12)



103647560

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

HEET

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)

Hewlett-Packard Company

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 10, 2011

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Corrective assignment - Reel frames n° 023329/0001

2. Name and address of receiving party(ies)

Name: Hewlett-Packard Development Company, L.P. **RECEIVED**

Internal Address: _____

MAY 04 2012

Street Address: 11445 Compag Center Drive West

City: HOUSTON

State: TEXAS

Country: United States

Zip: 77070

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

10/826481, 12/868327, 10/506815, 10/905922, 11/955055, 10/615095, 11/105652, 11/842919, 10/425927, 12/463339, 12/125713, 12/685237, 11/841552, 12/240873, 12/435958, 12/644201, 09/662534, 12/715720

B. Patent No.(s)

6463583, 6550060, 6779187, 5581764, 6292889, 0696368, 3466193, 7802084, 6424929, 7149853, 7111197, 7467330, 7496646, 7240057, 7437386, 4249622, 7266722, 7512379, 7616966, 7519385, 7031336

Additional numbers attached? ☒ Yes ☐ No

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

Name: VINCENT BRAULT

Internal Address: _____

Street Address: 1774 ALDEN ROAD

City: ALEXANDRIA

State: VIRGINIA Zip: 22308

Phone Number: 7038797946

Fax Number: _____

Email Address: vbrault@compaq.com

6. Total number of applications and patents involved: 1539

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Vincent Brault
Signature

April 30 2012
Date

VINCENT BRAULT
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 121

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 028911 FRAME: 0846

PATENT

REEL: 032493 FRAME: 0322

App. n# :	Patents n# :				
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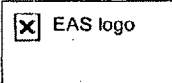
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<table border="1"><tr><td>Name:</td><td>Hewlett-Packard Development Company, L.P.</td></tr><tr><td>Street Address:</td><td>11445 Compaq Center Drive West</td></tr><tr><td>City:</td><td>Houston</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>77070</td></tr></table>	Name:	Hewlett-Packard Development Company, L.P.	Street Address:	11445 Compaq Center Drive West	City:	Houston	State/Country:	TEXAS	Postal Code:	77070	
Name:	Hewlett-Packard Development Company, L.P.										
Street Address:	11445 Compaq Center Drive West										
City:	Houston										
State/Country:	TEXAS										
Postal Code:	77070										

Patent Number:	5657452
Patent Number:	5768525
Patent Number:	5705949
Patent Number:	5696660
Patent Number:	5793821
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Patent Number:	5832277
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Patent Number:	5926226
Patent Number:	6072830
Patent Number:	5717690
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Patent Number:	6212272
Patent Number:	5797771
Patent Number:	6219732
Patent Number:	5777836
Patent Number:	6055245
Patent Number:	6075860
Patent Number:	6088334
Patent Number:	5931704
Patent Number:	5987568
Patent Number:	6125448
Patent Number:	6243818
Patent Number:	6405247
Patent Number:	6219697

Patent Number:	5855494
Patent Number:	5845243
Patent Number:	6125343
Patent Number:	5410754
Patent Number:	5796742

CORRESPONDENCE DATA

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 Address Line 1: 3404 E. Harmony Road MS 35
 Address Line 2: Intellectual Property Administration
 Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER:	Gerard Borin
Signature:	/Gerard Borin/
Date:	12/06/2011

Total Attachments: 5
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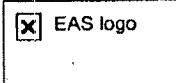


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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Hewlett-Packard Company</td><td>01/31/2003</td></tr></table>	Name	Execution Date	Hewlett-Packard Company	01/31/2003							
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Hewlett-Packard Company	01/31/2003										
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PATENT

REEL: 028911 FRAME: 0895

REEL: 032493 FRAME: 0371

PROPERTY NUMBERS Total: 68

Property Type	Number
Application Number:	10826481
Application Number:	12868327
Application Number:	10506815
Application Number:	10905922
Application Number:	11955055
Application Number:	10615095
Application Number:	11105652
Application Number:	11842919
Application Number:	10425927
Application Number:	12463339
Application Number:	12125713
Application Number:	12685237
Application Number:	11841552
Application Number:	12240873
Application Number:	12435958
Application Number:	12644201
Application Number:	09662534
Application Number:	12715720
Application Number:	09973166
Application Number:	12505590
Application Number:	10254395
Application Number:	11950830
Application Number:	10016597
Application Number:	10195877
Application Number:	11857512
Application Number:	10246827
Application Number:	10179496
Application Number:	12766292
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Application Number:	12757294
Application Number:	12561457
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Application Number:	12403478
Application Number:	11133040
Application Number:	11121192
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Application Number:	11260785
Application Number:	11756022
Application Number:	11363422
Application Number:	11269330
Application Number:	11636340
Application Number:	11524763
Application Number:	11742640
Application Number:	11643553
Application Number:	12249244
Application Number:	12476482
Application Number:	12120377
Application Number:	12199929
Application Number:	12184693
Application Number:	12348697
Application Number:	12638954

Application Number:	12710223
Application Number:	09608450

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PATENT ASSIGNMENT

**HEWLETT-PACKARD COMPANY
TO
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.**

This is a patent and patent application assignment by and between the below parties with an effective date as of October 10 2011.

WHEREAS, **HEWLETT-PACKARD COMPANY** a Delaware Corporation, with its principal place of business at **3000 Hanover Street, Palo Alto, California, 94304, U.S.A.** (hereinafter referred to as "Assignor"), is the owner of the patents and patent applications identified in the attached Schedule A, and all corresponding patent applications and patents and patents filed or granted thereon in any country of the world;

WHEREAS, **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.**, a limited partnership established under the laws of the State of Texas and having a principle place of business at **11445 Compaq Center Drive West, Houston, Texas 77070, U.S.A.** (hereinafter "Assignee"), desires to acquire Assignor's entire right, title and interest, including the right of priority, in, to and under the patents and patent applications identified in the Schedule A and all corresponding patent applications and patents filed or granted thereon in any country of the world; and

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, Assignor and Assignee agree as follows.

Assignor assigns, transfers and conveys to Assignee the entirety of Assignor's right, title and interest, including, without limitation, the right of priority, in the patents and patent applications identified in the Schedule A, and the inventions and improvements set forth therein, including any corresponding patent applications, including, without limitation, provisional applications, and patents filed or granted in any country of the world, and also including any continuations, continuations-in-part (CIP's), divisionals, renewals, or substitutes thereof, and any reissues, or reexaminations, or extensions thereof (collectively referred to as "Patents"). Assignee shall have the right to sue, counterclaim and recover for past, present, and future infringement and collect any royalties to third parties, damages (including past damages), or other income relating to such Patents.

In connection with the foregoing, Assignor hereby authorizes the Commissioner of Patents and Trademarks of the United States and other empowered officials of the United States Patent and Trademark Office and/or the appropriate empowered officials in jurisdictions outside the United States to record the transfer of the Patents to Assignee as assignee of Assignor's right, title and interest therein, and to issue to Assignee all letters patent and other items referred to above which may issue with respect to the Patents in and outside the United States.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their authorized representatives. Each such authorized representative hereby declares that all

statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Codes and that such willful false statements may jeopardize the validity of any patents related thereto.

Hewlett-Packard Company

By: 

Bruce Ives

Vice-President and Deputy General Counsel
Director of Intellectual Property

Date: 8 November 11

Hewlett-Packard Development Company, L.P.

By: HPQ Holdings, L.L.C., its General Partner

By: 

Curtis Rose

Director of Patents

Date: November 11, 2011

Patent Assignment - HEWLETT-PACKARD COMPANY TO HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

PATENT
REEL: 028911 FRAME: 0900
PATENT
REEL: 032493 FRAME: 0376

Schedule A - Patents and Patent Applications

Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	08 Apr 1992	07/856670		02 Feb 1993	5183404	Systems For Connection Of Physical/Electrical Media Connectors to computer Communications Cards
United States of America	13 May 1992	07/882517		10 May 1994	5311593	SECURITY SYSTEM FOR A NETWORK CONCENTRATOR
United States of America	01 Dec 1992	07/884128		31 May 1994	5317215	METHOD AND APPARATUS FOR FREQUENCY DISCRIMINATING COMPUTER NETWORK SIGNALS
United States of America	04 Jun 1992	07/893468		28 Jun 1994	5325400	METHOD AND APPARATUS FOR PREDISTORTION OF SIGNALS IN DIGITAL TRANSMISSION SYSTEMS
United States of America	01 Oct 1993	08/131012		09 Aug 1994	5336099	Media Connector Interface For Use With A PCMCIA-Architecture Communications Card
United States of America	10 Dec 1992	07/988687		09 Aug 1994	5337310	BACKPLANE COMMUNICATION SYSTEM AND METHOD
United States of America	03 Mar 1993	08/040656		16 Aug 1994	5338210	Media Connector Interface For Use With A PCMCIA-Architecture Communications Card
United States of America	29 Jul 1992	07/921883		23 Aug 1994	5341400	METHOD AND APPARATUS FOR AUTOMATICALLY SENSING AND CONFIGURING A TERMINATION IN A BUS BASED NETWORK
United States of America	18 May 1992	07/884785		21 Feb 1995	5392399	BRIDGE SYSTEM FOR SELECTIVELY ROUTING FRAME WITH ORDERING PARAMETER IDENTIFYING ORDERING OF IDENTIFIERS ONLY BASED UPON ITS SOURCE IDENTIFIER
United States of America	22 Jul 1993	08/095682		25 Apr 1995	5410754	Bidirectional Wire Line To Local Area Network Interface and Method
United States of America	27 May 1994	08/250276		16 May 1995	5416776	Modem Backplane Techniques
United States of America	19 Jul 1993	08/093380		30 May 1995	5420987	METHOD AND APPARATUS FOR CONFIGURING A SELECTED ADAPTER UNIT ON A COMMON BUS IN THE PRESENCE OF OTHER ADAPTER UNITS
United States of America	28 Feb 1994	08/203691		06 Jun 1995	5423002	SYSTEM FOR EXTENDING NETWORK RESOURCES TO REMOTE NETWORKS
United States of America	01 Jun 1992	07/897277		25 Jul 1995	5436934	DIFFERENTIAL HIGH FREQUENCY LEVEL DETECTOR AND DATA RESTORATION CIRCUIT INCLUDING SQUELCH OFFSET AND SLICING OFFSET
United States of America	03 Oct 1994	08/316801		25 Jul 1995	5436939	MULTI PHASE CLOCK GENERATOR AND MULTIPLIER
United States of America	11 Feb 1993	08/016813		22 Aug 1995	5444489	Vector Quantization Video Encoder Using Hierarchical Cache Memory Scheme
United States of America	07 Dec 1993	08/163255		03 Oct 1995	5454725	CIRCUIT CARD WITH LOW PROFILE DETACHABLE INTERFACE
United States of America	06 May 1992	07/880172		17 Oct 1995	5459753	METHOD AND APPARATUS FOR PATTERN INDEPENDENT PHASE DETECTION AND TIMING RECOVERY
United States of America	26 Feb 1993	08/023008		17 Oct 1995	5459840	INPUT OUTPUT BUS ARCHITECTURE WITH PARALLEL ARBITRATION
United States of America	09 Jul 1991	07/727824		17 Oct 1995	5459854	Method For Optimizing Software For Any One Of A Plurality Of Variant Architectures
United States of America	20 Aug 1994	08/110101		07 Nov 1995	5465254	Ring Type Communication Network
United States of America	30 Nov 1992	07/982876		28 Nov 1995	5471618	SYSTEM FOR CLASSIFYING INPUT/OUTPUT EVENTS FOR PROCESSES SERVICING THE EVENTS
United States of America	06 Oct 1993	08/132743		05 Dec 1995	5472351	Personal Computer Modem Card Interface Construction

Patent Assignment - HEWLETT-PACKARD COMPANY TO HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App. Title
United States of America	24 Jan 1994	08/184993		05 Dec 1995	5473765	Apparatus For Emulating a Floppy Disk Using Flash Memory
United States of America	26 Feb 1993	08/023927		09 Jan 1996	5483640	System For Managing Data Flow Among Devices By Storing Data And Structures Needed By The Devices And Transferring Configuration Information From Processor To The Devices
United States of America	26 Feb 1993	08/024189		23 Apr 1996	5511171	APPARATUS FOR LIVE BUS INSERTION OF ADD ON DEVICES
United States of America	15 Mar 1994	08/212974		07 May 1996	5515398	Modem Line Probing Signal Techniques
United States of America	12 Sep 1994	08/304769		28 May 1996	5521913	Distributed Processing Ethernet Switch With Adaptive Cut Through Switching
United States of America	17 Aug 1994	08/292236		11 Jun 1996	5524330	Captive Screw Electronic Face Plate Assembly
United States of America	25 May 1994	08/248934		11 Jun 1996	5525983	METHOD AND APPARATUS FOR IMPLEMENTING A TYPE 886T ENCODER AND DECODER
United States of America	19 Mar 1993	08/033914		11 Jun 1996	5526489	SYSTEM FOR REVERSE ADDRESS RESOLUTION FOR REMOTE NETWORK DEVICE INDEPENDENT OF ITS PHYSICAL ADDRESS
United States of America	27 Jan 1994	08/189066		18 Jun 1996	5528679	AUTOMATIC DETECTION OF DIGITAL CALL PATHS IN A TELEPHONE SYSTEM
United States of America	23 Sep 1994	08/311066		25 Jun 1996	5530703	REMOTE COMMUNICATION SERVER WITH AUTOMATIC FILTERING
United States of America	07 Jun 1995	08/473203		25 Jun 1996	5530810	APPARATUS FOR LIVE BUS INSERTION OF ADD ON DEVICES
United States of America	31 Mar 1994	08/221383		25 Jun 1996	5530842	Generic Backplane System Which Is Configurable To Serve Different Network Access Methods Simultaneously
United States of America	01 Apr 1994	08/221940		02 Jul 1996	5532898	Line for Current Protection Circuit For Use With A PCMCIA Architecture Modem Card
United States of America	01 Oct 1993	08/130361		09 Jul 1996	5535014	Method For Maintaining A Communication Link With A Facsimile Modem
United States of America	22 Dec 1992	07/994672		09 Jul 1996	5535337	PORT CIRCUIT FOR A TOKEN RING CONCENTRATOR HAVING A PHASE LOCK LOOP TIMING RECOVERY WITH ADDITIONAL CIRCUITRY TO VERIFY APPROPRIATE SIGNALS
United States of America	30 May 1995	08/452498		09 Jul 1996	5535338	NETWORK STATION WITH MULTIPLE NETWORK ADDRESSES
United States of America	31 Jan 1995	08/381694		23 Jul 1996	5539725	Port Resolution Address Device
United States of America	12 Oct 1994	08/321748		30 Jul 1996	5541911	REMOTE SMART FILTERING COMMUNICATION MANAGEMENT SYSTEM
United States of America	16 Aug 1994	08/291277		20 Aug 1996	5547401	Media Connector Interface For Use With A Thin-Architecture Communications Card
United States of America	19 Aug 1993	08/109578		24 Sep 1996	5559883	METHOD AND APPARATUS FOR SECURE DATA PACKET BUS COMMUNICATION
United States of America	27 Sep 1994	08/313674		22 Oct 1996	5568469	Method and Apparatus For Controlling Latency And Jitter In A Local Area Network Which Uses a CSMA/CD Protocol
United States of America	26 Oct 1994	08/329724		22 Oct 1996	5568476	METHOD AND APPARATUS FOR AVOIDING PACKET LOSS ON A CSMA/CD TYPE LOCAL AREA NETWORK USING RECEIVE SENSE BASED JAM SIGNAL
United States of America	09 Feb 1994	08/193730		26 Nov 1996	5579305	Asymmetric Duplex Modem Utilizing Narrow Band Echo Cancellation
United States of America	01 Jun 1995	08/456390		10 Dec 1996	5583997	SYSTEM FOR EXTENDING NETWORK RESOURCES TO REMOTE NETWORKS
United States of America	02 Feb 1994	08/191391		10 Dec 1996	5584030	METHOD AND APPARATUS FOR LIVE INSERTION AND REMOVAL OF ELECTRONIC SUB ASSEMBLIES
United States of America	06 Jun 1995	08/468723		24 Dec 1996	5588028	Simplified Trellis Decoder
United States of America	09 Aug 1995	08/513167		31 Dec 1996	5590285	Network Station With Multiple Network Addresses

Patent Assignment - HEWLETT-PACKARD COMPANY TO HEWLETT-PACKARD DEVELOPMENT COMPANY, LP.

Country	Filing Date	App No.	Publication Number	Issuing Date	Patent No.	App Title
United States of America	10 May 1995	08/438897		07 Jan 1997	5592622	Network Intermediate System With Message Passing Architecture
United States of America	06 Apr 1995	08/417840		04 Feb 1997	5600823	Method For Optimizing Software For Any One Of A Plurality Of Variant Architectures
United States of America	28 Jul 1995	08/508794		11 Feb 1997	5602827	Method And Apparatus For Correcting A Defect In A Token Ring Network
United States of America	17 Oct 1994	08/324520		18 Feb 1997	5604679	Signal Generating Device Using Direct Digital Synthesis
United States of America	03 Mar 1995	08/398112		01 Apr 1997	5617081	METHOD AND APPARATUS FOR LIVE INSERTION AND REMOVAL OF ELECTRONIC SUB ASSEMBLIES
United States of America	25 Sep 1995	08/533952		13 May 1997	5629635	Address Programming via Led Pin
United States of America	27 Oct 1995	08/549323		27 May 1997	5634009	NETWORK DATA COLLECTION METHOD AND APPARATUS
United States of America	07 Jun 1995	08/481635		03 Jun 1997	5636214	BACKPLANE ARCHITECTURE FOR STACKABLE ETHERNET REPEATER
United States of America	26 Aug 1994	08/296577		17 Jun 1997	5640605	Method And Apparatus For Synchronized Transmission of Data Between A Network Adaptor And Multiple Transmission Channels Using A Shared Clocking Frequency And Multilevel Data Encoding
United States of America	15 Mar 1996	08/618413		01 Jul 1997	5644270	Enhanced Stability Voltage Controlled RC Oscillator
United States of America	10 May 1995	08/438488		08 Jul 1997	5646553	Driver For Tri-State Bus
United States of America	25 Mar 1993	08/037075		08 Jul 1997	5646983	Host Computer Digital Signal Processing System For Communicating Over Voice Grade Telephone Circuits
United States of America	24 Mar 1995	08/410328		15 Jul 1997	5649001	Method And Apparatus For Adapting A Communication Interface Device To Multiple Networks
United States of America	25 Aug 1994	08/296028		15 Jul 1997	5649100	Network Backplane Interface Having A Network Management Section For Managing And Configuring Networks On The Backplane Based Upon Attributes Established In A Parameter Table
United States of America	29 Nov 1995	08/564630		15 Jul 1997	5649189	Method and apparatus for single pass data encoding of binary words using a stack for writing in reverse order
United States of America	12 Jul 1995	08/502087		22 Jul 1997	5651002	INTERNETWORKING DEVICE WITH ENHANCED PACKET HEADER TRANSLATION AND MEMORY
United States of America	03 May 1996	08/642335		29 Jul 1997	5652531	Phase Detector Which Eliminates Frequency Ripple
United States of America	13 Dec 1994	08/355066		29 Jul 1997	5652893	Switching Hub Intelligent Power Management
United States of America	02 Feb 1995	08/383663		05 Aug 1997	5655104	Data Processing System Having Memory Controller For Supplying Current Request and Next Request For Access To the Shared Memory Pipeline
United States of America	20 Dec 1994	08/359539		12 Aug 1997	5657326	RADIO BASED COLLISION DETECTION FOR WIRELESS COMMUNICATION SYSTEM
United States of America	08 Sep 1995	08/525385		12 Aug 1997	5657452	Transparent Support Of Protocol And Data Compression Features For Data Communication
United States of America	22 Feb 1995	08/392473		19 Aug 1997	5659543	communication method and system for aggregates of separate entities using data/management path and mapping path for indentifying entities and managing a communication network
United States of America	03 Feb 1995	08/383302		19 Aug 1997	5659684	Method And Apparatus For Interconnecting Personal Computers (PCs) and Local Area Networks (LANs) Using Packet Protocols Transmitted Over A Digital Data Service (DDS)
United States of America	30 Apr 1996	08/641400		02 Sep 1997	5663634	Startup Network For A Flyback Converter With Linear Regulation

Patent Assignment - HEWLETT-PACKARD COMPANY TO HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	10 May 1995	08/438882		02 Sep 1997	5664166	System For Generating A Variable Signal In response To A Toggle Signal Selectively Delayed Using a Clock Edge And Time Delay Measured From The Clock Edge
United States of America	25 Jul 1995	08/506533		09 Sep 1997	5666362	METHOD AND APPARATUS FOR ASYNCHRONOUS PPP and SYNCHRONOUS PPP CONVERSION
United States of America	20 Dec 1994	08/360259		23 Sep 1997	5671258	Clock Recovery Circuit And Receiver Using Same
United States of America	24 May 1995	08/449827		07 Oct 1997	5675766	Network Interface Card For Reading Dynamically Changing Data
United States of America	24 May 1995	08/449492		18 Nov 1997	5689681	System For Reading Dynamically Changing Data Supporting Partial Read Of Storage Locations
United States of America	03 Jun 1995	08/655080		09 Dec 1997	5696660	Line current protection circuit for use with a PCMCIA-architecture modem card
United States of America	13 Sep 1996	08/712927		06 Jan 1998	5705949	Compensation Method For I/Q Channel Imbalance Errors
United States of America	18 Oct 1995	08/544745		03 Feb 1998	5715287	METHOD AND APPARATUS FOR DUAL PURPOSE TWISTED PAIR INTERFACE CIRCUIT FOR MULTIPLE SPEED MEDIA IN A NETWORK
United States of America	17 Nov 1995	08/560314		10 Feb 1998	5717690	Coordination and Control of Data Streams that Terminate at Different Termination Units
United States of America	05 Jun 1995	08/466079		03 Mar 1998	5724413	Host Computer Digital Signal Processing System For Communicating Over Voice-Grade Telephone Channels
United States of America	16 Aug 1996	08/689715		17 Mar 1998	5727972	Media connector Interface With A Thin-Architecture Communications Card
United States of America	02 May 1995	08/432781		07 Apr 1998	5737316	Method And Device For Determining Link Status In A Computer Network
United States of America	28 Feb 1997	08/808676		28 Apr 1998	5744742	Parametric Signal Modeling Musical Synthesizer
United States of America	24 Feb 1995	08/394978		28 Apr 1998	5745479	ERROR DETECTION IN A WIRELESS LAN ENVIRONMENT
United States of America	12 Jul 1995	08/501588		05 May 1998	5748633	Method And Apparatus For The Concurrent Reception And Transmission Of Packets In A Communications Internetworking Device
United States of America	14 Jul 1995	08/502835		12 May 1998	5752003	Architecture For Managing Traffic In A Virtual LAN Environment
United States of America	01 May 1995	08/641506		19 May 1998	5754790	Apparatus And Method For Selecting Improved Routing Paths In An Autonomous System Of Computer Networks
United States of America	25 Apr 1997	08/845323		16 Jun 1998	5768525	Transparent Support Of Protocol And data Compression Features For Data Communication
United States of America	01 May 1996	08/641619		23 Jun 1998	5771235	Scalable CSMA/CD Repeater
United States of America	19 Mar 1997	08/820902		07 Jul 1998	5777836	Line current protection circuit and method for use with a PCMCIA-architecture modem card
United States of America	31 Jan 1996	08/594878		14 Jul 1998	5781726	Management Of Polling Traffic In Connection Oriented Protocol Sessions
United States of America	20 May 1996	08/651804		14 Jul 1998	5781745	High Speed Communication Bus
United States of America	29 May 1996	08/654631		21 Jul 1998	5783999	Audio Warning Device For Use With A Line Current Protection Circuit In A PCMCIA-Architecture Modem Card
United States of America	28 Oct 1996	08/738929		21 Jul 1998	5784582	Data Processing System Having Memory Controller For Supplying Current Request And Next Request For Access To The Shared Memory Pipeline
United States of America	06 Jul 1995	08/498944		04 Aug 1998	5790808	Active Topology Maintenance In Reconfiguring Bridged Local Area Networks With State Transition With Forgetting Interval
United States of America	26 Apr 1996	08/641101		11 Aug 1998	5793260	CURRENT CONTROLLED OSCILLATOR WITH VOLTAGE INDEPENDENT CAPACITANCE

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	07 Jun 1995	08/472918		11 Aug 1998	5793821	Timing Recover Using Group Delay Compensation
United States of America	31 Jan 1996	08/594868		11 Aug 1998	5793994	Synchronous Event Posting By A High Throughput Bus
United States of America	14 Jan 1997	08/783539		18 Aug 1998	5796742	Bidirectional Wire Line To Local Area Network Interface And Method
United States of America	12 Jul 1995	08/501500		18 Aug 1998	5796944	Apparatus And Method For Processing Data Frames In An Internetworking Device
United States of America	22 Aug 1996	08/703110		18 Aug 1998	5796986	Method and Apparatus For Linking Computer Aided Design Databases With Numerical Control Machine Database
United States of America	16 Aug 1996	08/689714		25 Aug 1998	5797771	Cable Connector
United States of America	30 Apr 1996	08/641375		01 Sep 1998	5801602	Isolation And Signal Filter Transformer
United States of America	15 Aug 1996	08/698745		01 Sep 1998	5802054	Atomic Network Switch With Integrated Switch Nodes
United States of America	23 Jan 1996	08/599473		01 Sep 1998	5802278	Bridge Router Architecture For High Performance Scalable Networking
United States of America	12 Jun 1996	08/662350		01 Sep 1998	5802309	Method For Encoding SNMP Summary Objects
United States of America	09 Aug 1996	08/689444		08 Sep 1998	5805228	Video Encoder Decoder System
United States of America	28 Mar 1996	08/620801		08 Sep 1998	5805403	Integrated Circuit Temperature Monitoring And Protection System
United States of America	21 Dec 1995	08/576802		08 Sep 1998	5805596	Method For In Band Communications Of Management Information In A Backplane Architecture Of A Stackable Ethernet Repeater
United States of America	04 Mar 1996	08/610706		08 Sep 1998	5805827	Distributed Signal Processing For Data Channels Maintaining Channel Bandwidth
United States of America	13 Mar 1996	08/616750		15 Sep 1998	5809072	Mixed Signal Adaptive Equalizer
United States of America	12 Jul 1995	08/501355		22 Sep 1998	5812775	Method and Apparatus For Internetworking Buffer Management
United States of America	14 Jun 1996	08/662675		06 Oct 1998	5816832	Media Connector Interface For Use With A PCMCIA-Architecture Communications Card
United States of America	12 Oct 1995	08/542157		06 Oct 1998	5818838	METHOD AND Bridge With TRANSPARENT INTERMEDIATE SYSTEM BASED FILTERING ON A LAN OF MULTICAST PACKETS
United States of America	13 Oct 1995	08/543205		06 Oct 1998	5819215	Method and Apparatus For Wavelet Based Data Compression Having Adaptive Bit Rate Control For Compression Of Digital Audio Or Other Sensor
United States of America	30 Jan 1995	08/380749		13 Oct 1998	5822303	Repeater For Secure Local Area Networks
United States of America	12 Jul 1995	08/501484		20 Oct 1998	5825774	PACKET CATEGORIZATION USING CODE VECTORS
United States of America	05 Dec 1996	08/760504		27 Oct 1998	5828329	Adjustable Temperature Coefficient Current Reference
United States of America	28 Feb 1997	08/807552		27 Oct 1998	5828665	Apparatus And Method For Selecting Improved Routing Paths In An Emulated LAN Over An ATM Network
United States of America	03 Jul 1996	08/675663		27 Oct 1998	5828835	High Throughput Message Passing Process Using Latency And Reliability Classes
United States of America	09 Aug 1996	08/689401		03 Nov 1998	5831678	Video Encoder Decoder System
United States of America	08 Mar 1996	08/613084		03 Nov 1998	5832277	System For Arbitrating Demand On Memory During Configuration Of A Computer Add On Card
United States of America	17 Mar 1994	08/214376		10 Nov 1998	5834950	Phase detector which eliminates frequency ripple

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United States of America	12 Jun 1996	08/660965		10 Nov 1998	5835855	Antenna Scanning Through Low Frequency Dithering
United States of America	13 Mar 1996	08/596885		01 Dec 1998	5844439	DC Restoration Circuit For Multi-Level Transmission Signals
United States of America	30 Nov 1995	08/564848		01 Dec 1998	5844887	ATM Switching Fabric
United States of America	03 Feb 1997	08/794121		01 Dec 1998	5845243	Method And Apparatus For wavlet Based Data Compression Having Adaptive Bit Rate Control For Compression Of Audio Information
United States of America	05 May 1997	08/851723		05 Jan 1999	5855494	Apparatus And Method For Electrically Connecting A Plurality Of Electronic Modules
United States of America	09 Aug 1996	08/689456		26 Jan 1999	5864681	Video Encoder Decoder System
United States of America	12 Dec 1997	08/989483		09 Feb 1999	5870412	Forward Error Correction System For Packet Based Real Time Media
United States of America	10 Oct 1997	08/948833		16 Feb 1999	5872836	Host Computer Digital Signal Processing System For Communicating Over Voice Grade Telephone Channels ("Soft Modem")
United States of America	01 May 1997	08/846900		23 Feb 1999	5875175	Method And Apparatus For Time-Based Download Control
United States of America	02 May 1997	08/850906		23 Feb 1999	5875176	Network Adaptor Driver With Destination Based Ordering
United States of America	17 Apr 1997	08/843957		23 Feb 1999	5875309	Arbitration System Using Linked Table
United States of America	26 Aug 1997	08/918817		02 Mar 1999	5878040	Coordination And Control Of data Streams That Terminate At Different Termination Units
United States of America	26 Jul 1996	08/688818		16 Mar 1999	5883809	Behavioral Language Models For Testing And Verification Of Digital Electronic Circuits
United States of America	30 Dec 1996	08/774480		16 Mar 1999	5883894	Shared Auto Negotiation Logic For Multiple Port Network Devices
United States of America	13 Mar 1996	08/617515		16 Mar 1999	5884041	Method and Apparatus For Monitoring Auto-Negotiation Process
United States of America	19 Aug 1996	08/699250		23 Mar 1999	5887139	Configurable Graphical User Interface Useful In Managing Devices Connected To A Network
United States of America	10 Mar 1997	08/815318		30 Mar 1999	5890126	Audio Data Decompression and Interpolation Apparatus and Method
United States of America	16 Sep 1996	08/713134		06 Apr 1999	5892757	Asymmetric Duplex Modem Utilizing Narrow Band Echo Cancellation
United States of America	28 Feb 1997	08/808021		06 Apr 1999	5892922	Virtual Local Area Network Memory Access System
United States of America	27 May 1997	08/863507		20 Apr 1999	5896415	Device For Out Of Band Transmission On Computer Peripheral
United States of America	22 Mar 1996	08/621055		27 Apr 1999	5898669	ATM Traffic Management Device
United States of America	30 Apr 1996	08/641401		27 Apr 1999	5898889	QUALIFIED BURST CACHE For Transfer Of Data Between Disparate Clock Domains
United States of America	27 Aug 1997	08/921636		04 May 1999	5901219	Method For Ring Signal Detection
United States of America	29 May 1998	09/087626		11 May 1999	5903615	Low Complexity Frequency Estimator And Interference Cancellation Method And Device
United States of America	04 Jun 1997	08/868573		11 May 1999	5903759	Software Performance Analysis using Hardware Analyzer
United States of America	29 May 1997	08/865246		25 May 1999	5907566	Continuous Byte-Stream Encoder/decoder Using Frequency Increase and Cyclic Redundancy Check
United States of America	13 Aug 1997	08/910783		08 Jun 1999	5910954	A Network Switch Ethernet
United States of America	10 Sep 1997	08/926752		15 Jun 1999	5912967	Speaker-Phone Assembly And Method

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United States of America	24 Feb 1998	09/034142		06 Jul 1999	5920177	Autonomously Powered Communications Card modem Having Additional Communications Port For Use As An External Modem
United States of America	12 Jun 1997	08/873440		13 Jul 1999	5922044	System and Method For Providing Information To Applets In A Virtual Machine
United States of America	09 Aug 1996	08/694949		20 Jul 1999	5926226	Method For Adjusting the Quality of A Video Coder
United States of America	06 Oct 1997	08/943769		20 Jul 1999	5926463	Method And Apparatus For Viewing And Managing A Configuration Of A Computer Network
United States of America	01 Mar 1996	08/609603		20 Jul 1999	5926473	Distributed Processing Ethernet Switch With Adaptive Cut Through Switching
United States of America	27 Feb 1997	08/808508		03 Aug 1999	5931704	Media Connector Interface With Tapered Contact Wires For Use With A Thin Architecture Communications Card
United States of America	07 May 1997	08/852657		03 Aug 1999	5931928	System for ISDN terminal adapter DCE for automatically negotiating data compression with it's PPP peer when DTE is unable or unwilling to negotiate compression
United States of America	30 Apr 1996	08/640184		03 Aug 1999	5933420	Method and Apparatus For Assigning Spectrum Of A Wireless Local Area Network
United States of America	29 Apr 1997	08/827965		10 Aug 1999	5935245	Method And Apparatus For Providing Secure Network Communications
United States of America	23 Sep 1996	08/716763		10 Aug 1999	5936537	High Frequency Signal Detector
United States of America	29 Oct 1997	08/960238		10 Aug 1999	5937169	Offload Of TCP Segmentation To A Smart Adapter
United States of America	16 Dec 1997	08/991074		17 Aug 1999	5938480	Media Connector Interface For Use With Electrical Apparatus
United States of America	21 Aug 1996	08/697220		17 Aug 1999	5940396	A Method Of Routing In An Asynchronous Transfer Mode Network
United States of America	19 Aug 1996	08/699564		24 Aug 1999	5943338	A Redundant ATM Interconnect Mechanism
United States of America	04 Oct 1996	08/726166		24 Aug 1999	5943341	Token Ring Router For Oncore Platforms
United States of America	09 Sep 1997	08/927372		31 Aug 1999	5946327	Method And Apparatus For Converting Between A Multi-Bit TDM Bus And A Single-Bit TDM Bus Using Digital Logic
United States of America	08 Sep 1997	08/929196		07 Sep 1999	5949783	Lan Emulation Subsystems for Supporting Multiple Virtual Lans
United States of America	01 May 1997	08/847038		07 Sep 1999	5949784	Forwarding Mechanism for multi-destination Packets To Minimize Per Packet Scheduling Overhead In A Network Forwarding Engine
United States of America	02 Oct 1996	08/724742		07 Sep 1999	5949786	Stochastic Circuit Identification In A Multi-protocol Network Switch
United States of America	06 May 1997	08/852146		07 Sep 1999	5949788	Method And Apparatus For Multipoint Trunking
United States of America	27 May 1997	08/863441		28 Sep 1999	5959972	A Method Of Port/link Redundancy In An ATM Switch
United States of America	29 Jul 1997	08/902403		05 Oct 1999	5963622	Mode Signalling Method And Apparatus
United States of America	30 May 1997	08/866566		12 Oct 1999	5966382	Network Communications Using Sine Waves
United States of America	29 May 1997	08/865482		19 Oct 1999	5968176	Multilayer Firewall System
United States of America	12 Aug 1997	08/909997		19 Oct 1999	5970089	Method And Apparatus For Generating A Probing Signal For A System Having Non Linear Network And Codec Distortion
United States of America	21 Nov 1997	08/976199		26 Oct 1999	5971777	Breakway Physical Electrical Media Jack
United States of America	21 Jan 1998	09/010432		26 Oct 1999	5974465	Method And Apparatus For Prioritizing The Enqueueing Of Outbound Data Packets In A Network Device

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	20 Mar 1998	09/045577		26 Oct 1999	5974547	Technique For Reliable Network Booting Of An Operating System To A Client Computer
United States of America	16 Jun 1998	09/100524		02 Nov 1999	5975927	Communications Card Having Rotating Communications Port
United States of America	11 Sep 1997	08/927641		02 Nov 1999	5978378	Method And Apparatus For VLAN Support
United States of America	06 Jan 1998	09/003230		02 Nov 1999	5978852	Plural Interface LAN Switch Arbitration
United States of America	11 Sep 1997	08/927336		02 Nov 1999	5978951	A High Speed Cache Management Unit For Use In A Bridge/Router
United States of America	01 Sep 1998	09/144898		09 Nov 1999	5980322	Electrical Connector Having A Fusible Link For Use Between Media Connectors And Computer Communications Cards
United States of America	25 Jul 1997	08/900320		09 Nov 1999	5982768	Dual Band Modem For High Bandwidth Communications
United States of America	11 Mar 1998	09/038435		09 Nov 1999	5983282	Method and system for computer network access using cooperating non-dedicated remote access servers +
United States of America	24 Oct 1997	08/958702		16 Nov 1999	5986596	Condense Storage And Expansion Of Signal Constellations In PCM Space For High Speed Data Communications
United States of America	15 Jul 1999	08/853068		16 Nov 1999	5987568	Apparatus And Method For Operably Connecting A Processor Cache To A Digital Signal Processor
United States of America	03 Apr 1998	09/054652		23 Nov 1999	5989042	Electrical Connector For Use Between Shielded Media Connectors And Communications Cards
United States of America	12 Jun 1996	08/660964		23 Nov 1999	5990838	Dual Orthogonal Monopole Antenna System
United States of America	11 Sep 1997	08/927649		23 Nov 1999	5991299	High Speed Header Translation Processing
United States of America	25 Jun 1999	08/950217		23 Nov 1999	5991335	Method And Apparatus For Line Isolation
United States of America	24 Nov 1997	08/976698		23 Nov 1999	5991337	Method And Apparatus For Improving The Signal-To-Noise Ratio Of Low-Magnitude Input Signals In Modems
United States of America	12 Aug 1997	08/909860		23 Nov 1999	5991348	Method And Apparatus For Regenerating Symbol Timing From A Probing Signal In A System Having Non-Linear Network And Codec Distortion
United States of America	23 Apr 1999	08/865016		30 Nov 1999	5994998	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires To A Wireless Network Access Point
United States of America	09 Jun 1997	08/871220		07 Dec 1999	5999109	Frame Based Spectral Shaping Method And Apparatus
United States of America	13 Mar 1998	09/042161		07 Dec 1999	5999517	Summarization Of Routing Information In A Hierarchical Network
United States of America	06 Dec 1996	08/761574		07 Dec 1999	5999530	METHOD AND APPARATUS FOR TRANSPARENT INTERMEDIATE SYSTEM BASED FILTERING ON A LAN OF MULTICAST PACKETS
United States of America	28 May 1997	08/864294		07 Dec 1999	5999535	Short cut Forwarding Of local Cells In Frames Traffic Within Local Area Networks
United States of America	28 Feb 1997	08/807267		07 Dec 1999	5999541	Transmission Of Token-Ring Packets Over Ethernet By Tunneling
United States of America	03 Sep 1997	08/922284		07 Dec 1999	5999948	Dynamic Configuration Forms In Network Management Software
United States of America	25 Aug 1997	08/918013		07 Dec 1999	6000042	Fault Detection On A Dual Supply System For A Universal Serial Bus System
United States of America	13 May 1997	08/855062		14 Dec 1999	6002581	Dual Band Modem
United States of America	25 Jul 1997	08/900971		14 Dec 1999	6002682	Dual Band Bypass Modem
United States of America	18 Mar 1998	09/044051		21 Dec 1999	6003689	PCB Ejector Cage Assembly

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	04 Sep 1996	08/707558		21 Dec 1999	6005519	Tunable Microstrip Antenna And Method For Tuning Same
United States of America	07 May 1997	08/852656		21 Dec 1999	6005846	Apparatus For An Improved ISDN LAN Modem having An Integrated Network Hub
United States of America	14 Jul 1995	08/502871		21 Dec 1999	6005864	Protocol For Optimized Multicast Services For A Connection Oriented Network Providing LAN Emulation
United States of America	27 Feb 1998	09/032125		21 Dec 1999	6006271	Method And Protocol For Complete Collision Avoidance Contention Resolution In Local Area Networks
United States of America	16 Sep 1994	08/307472		21 Dec 1999	6006330	Security Device For Ring Network
United States of America	24 Oct 1997	08/957698		28 Dec 1999	6009121	Method And Device For Generating Signal Constellations In PCM Space For High Speed Data Communications
United States of America	24 Jun 1997	08/881517		28 Dec 1999	6009274	Method And Apparatus For Automatically Updating Software Components On End Systems Over A Network
United States of America	08 Apr 1997	08/833663		04 Jan 2000	6011910	Supporting Authentication Across Multiple Network Access Servers
United States of America	05 Aug 1997	08/906023		11 Jan 2000	6012953	Surface Mountable Electrical Connector System
United States of America	21 Oct 1997	08/955053		18 Jan 2000	6016346	Low Profile Speakerphone With Downward Oriented Microphone Configuration
United States of America	19 Feb 1998	09/025960		18 Jan 2000	6016513	Method To Prevent Packet Loss During Transfers Of Data Packets Between A Network Interface Card And An Operating System Of Computer
United States of America	28 May 1997	08/858182		25 Jan 2000	6018763	High Performance shared Memory For A Bridge Router Supporting cache Coherency
United States of America	24 Feb 1998	09/028404		25 Jan 2000	6018767	Method And System For Managing Subscription Services With A Cable Modem
United States of America	11 Nov 1997	08/967483		01 Feb 2000	6020562	Reduced Capacitance Component Mounting Pads And Capacitance Reduction Methods For High Frequency Multi Layer Printed Circuit Boards
United States of America	30 May 1997	08/866818		01 Feb 2000	6021495	Method And Apparatus For Authentication Process Of A Star Or Hub Network Connection Ports By Detecting Interruption In Link Beat
United States of America	26 Sep 1997	08/938852		08 Feb 2000	6023724	Apparatus And Methods For Use Therein For An ISDN LAN Modem That Displays Fault Information To Local Hosts Through Interception Of Host DNS Request Messages
United States of America	08 Apr 1997	08/835536		15 Feb 2000	6026085	Architecture to Support A Single System Image Across Multiple Network Access Servers
United States of America	29 May 1997	08/865226		15 Feb 2000	6026095	Method and Apparatus For Controlling Latency and Jitter in shared CSMA/CD (Repeater) Environment
United States of America	20 Jan 1998	09/009393		15 Feb 2000	6026420	High-speed evaluation of polynomials
United States of America	26 Sep 1997	08/938373		22 Feb 2000	6028848	Apparatus And Methods For Use Therein For An ISDN LAN Modem Utilizing Internal DNS And DHCP Servers For Transparent Translation Of Local Host Names To IP Addresses
United States of America	08 May 1997	08/853326		22 Feb 2000	6028862	Fast Path Networking
United States of America	20 Jan 1998	09/009069		22 Feb 2000	6029186	High Speed Calculation of Cyclical Redundancy Check Sums
United States of America	26 Sep 1997	08/938369		22 Feb 2000	6029203	Apparatus And Methods For Use Therein For An ISDN LAN modem That Provides Enhanced Network Connectivity
United States of America	07 May 1997	08/852658		29 Feb 2000	6031848	Apparatus For An Improved ISDN Terminal Adapter Having Baud Rate Unblocking And Methods for use Therein
United States of America	06 Sep 1996	08/709184		29 Feb 2000	6031873	Nested Shell Mapping
United States of America	28 May 1998	09/086241		29 Feb 2000	6032218	A Configurable Weighted Round Robin Arbiter

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	29 May 1997	08/865243		29 Feb 2000	6032232	Multiported Memory Access System With Arbitration And A Source Burst Limiter For Blocking A Memory Access Request
United States of America	30 Oct 1998	09/183839		07 Mar 2000	6033240	RETRACTABLE MEDIA JACK OPERABLE WITH TWO DISCRETE CONNECTORS
United States of America	14 Nov 1997	08/970836		07 Mar 2000	6034993	Method And Apparatus For Adaptively Equalizing A Signal Received From A Remote Transmitter
United States of America	28 May 1997	08/864475		07 Mar 2000	6035371	Methods and Apparatus For Addressing A Static Random Access Memory Device Based on Signals For Addressing A Dynamic Memory Access Device
United States of America	10 Dec 1997	08/987982		14 Mar 2000	6038430	Method And Apparatus For Improving Transmission Of Data In A Wireless Network
United States of America	11 Sep 1997	08/928882		21 Mar 2000	6041058	Hardware Filtering Method And Apparatus
United States of America	15 Jul 1996	08/683570		21 Mar 2000	6041166	Virtual Network Architecture For Connectionless LAN Backbone
United States of America	21 Aug 1997	08/918516		28 Mar 2000	6044150	Methods And Apparatus For Host Based Personal Computer Speakerphone
United States of America	07 Nov 1997	08/965835		04 Apr 2000	6047032	Signal Equalization And Data Recovery With Non-Linear Digital Threshold Feedback
United States of America	29 Apr 1998	09/069421		04 Apr 2000	6047047	Telecommunication Configurations For Transceiving Email And methods Of Using Same
United States of America	10 Mar 1998	09/037848		04 Apr 2000	6047172	Transceiver Assembly
United States of America	11 May 1998	09/075373		11 Apr 2000	6049258	Isolation And Signal Filter Transformer
United States of America	04 Feb 1998	09/018400		11 Apr 2000	6049826	Method And System For Cable Modem Initialization Using Dynamic Servers
United States of America	29 May 1997	08/865242		18 Apr 2000	6052383	LAN To ATM Backbone switch Module
United States of America	06 Apr 1998	09/056166		18 Apr 2000	6052411	Idle Mode For Digital Subscriber Line
United States of America	01 Oct 1997	08/940302		18 Apr 2000	6052733	Method Of Detecting Errors In A Network
United States of America	26 Sep 1997	08/938572		18 Apr 2000	6052803	A Key Based Technique For Assuring And Maintaining Integrity Of Firmware Stored In Both Volatile And Non-Volatile Memory
United States of America	17 Mar 1999	09/271025		25 Apr 2000	6055236	Method And System For Locating Network Services With Distributed Network Address Translation (parent case is 1572.CS)
United States of America	05 Feb 2000	08/831459		25 Apr 2000	6055245	Apparatus and Method For Digitally Conveying Alert Tones Between An Analog And An Terminal Adapter
United States of America	29 May 1998	09/087347		25 Apr 2000	6055580	System For Transferring Length Round Down To Cache Line Multiple Capable To Determine Type Of Read Request Which Selects and Reads Portion Of Prefetched Data In Memory
United States of America	29 May 1998	09/087627		25 Apr 2000	6055585	System for operating a universal asynchronous receiver/transmitter (UART) at speeds higher than 115,200 bps while maintaining full software and hardware backward compatibility
United States of America	24 Aug 1998	09/139148		25 Apr 2000	6055594	Byte Accessible Memory Interface Using Reduced Memory Control Pin Count
United States of America	13 May 1997	08/855051		02 May 2000	6058110	Bypassing Telephone Network With Dual Band Modem
United States of America	15 Apr 1998	09/060606		02 May 2000	6058136	Interconnected Trunk Clusters Arrangement
United States of America	18 Apr 1997	08/844080		02 May 2000	6058262	COMPUTER-AIDED-DESIGN METHOD AND APPARATUS FOR NETWORKS
United States of America	03 Dec 1997	08/984566		02 May 2000	6058291	Method And Apparatus For Carrier Suppression In A Radio Modulator

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	04 Feb 1998	09/018784		02 May 2000	6058421	Method and system for addressing network host interfaces from a cable modem using DHCP
United States of America	20 Jan 1998	09/009480		02 May 2000	6058500	High Speed Syndrome Calculation
United States of America	28 May 1998	09/086143		09 May 2000	6059583	Improved Interconnection Between Media Connections Of Unknown Interface Standards And A computer Communications Card
United States of America	13 Mar 1998	09/042162		09 May 2000	6061736	Routing Over Similar Paths
United States of America	01 Jul 1997	08/886687		16 May 2000	6064673	Communications System Having Distributed Control and Real-Time Bandwidth Management
United States of America	04 Feb 1998	09/018814		16 May 2000	6065049	Method And System For Resolving Addresses For Network Host Interfaces From A Cable Modem
United States of America	30 Nov 1998	09/200883		23 May 2000	6066001	Coupler For Minimizing EMI Emissions
United States of America	26 Feb 1998	09/032333		30 May 2000	6068235	Microphone Connector Assembly And Method
United States of America	04 Feb 1998	09/018756		30 May 2000	6070246	Method And System For Secure Cable Modem Initialization
United States of America	30 Nov 1998	09/203222		06 Jun 2000	6071130	Surface Mounted Contact Block
United States of America	09 Aug 1996	08/689519		06 Jun 2000	6072830	Method for Generating A Compressed Video Signal
United States of America	17 Mar 1998	09/042878		13 Jun 2000	6075773	Multi User LAN Packet Generator
United States of America	18 Nov 1997	08/972284		13 Jun 2000	6075774	Method and Device for Generating A Frame Check Sequence
United States of America	17 Oct 1997	08/953757		13 Jun 2000	6075797	Method And System For Detecting Mobility Of A Wireless Capable Modem To A Minimize Data Transfer Rate Renegotiations
United States of America	19 Feb 1997	08/802070		13 Jun 2000	6075860	Apparatus And Method For Authentication And Encryption Of A Remote Terminal Over A Wireless Link
United States of America	14 Jul 1997	08/896283		20 Jun 2000	6078669	Audio Spatial Localization Apparatus and Methods
United States of America	18 Mar 1997	08/819874		04 Jul 2000	6084873	Method for bypassing telephone network
United States of America	06 Oct 1997	08/944461		04 Jul 2000	6084883	Efficient Data Transmission Over Digital Telephone Networks Using Multiple Modulus Conversion
United States of America	03 Mar 1998	09/034611		04 Jul 2000	6084915	Signaling Method Using Mixed-Based Ring Selection
United States of America	15 Oct 1999	08/766274		04 Jul 2000	6085243	Distributed remote management (DRMON) for networks
United States of America	13 Mar 1997	08/816699		11 Jul 2000	6088334	System And Method For Determining End to End Characteristics Of A Data Communications Channel
United States of America	18 Mar 1997	08/819873		18 Jul 2000	6091722	Subscriber Loop Bypass Modem
United States of America	19 Mar 1998	09/044804		18 Jul 2000	6092108	Dynamic Threshold Packet Filtering Of Application Processor Frames
United States of America	04 Sep 1997	08/924596		25 Jul 2000	6094422	Echo Canceller Touch up Period In An Echo Cancelling Modem
United States of America	26 Sep 1997	08/938851		25 Jul 2000	6094659	A Web Server For Use In A LAN Modem
United States of America	07 Apr 1998	09/056284		01 Aug 2000	6097720	Enabling Multicast Distribution Efficiencies In A Dial Up Access Environment
United States of America	08 Feb 1999	09/246738		01 Aug 2000	6097794	Host Computer Digital Signal Processing System For Communicating Over Voice Grade Telephone Channels

Patent Assignment - HEWLETT-PACKARD COMPANY TO HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	27 May 1998	09/085606		01 Aug 2000	6098139	Frequency Independent Asynchronous Clock Crossing FIFO
United States of America	30 Oct 1998	09/183835		08 Aug 2000	6099329	Retractable Coaxial Jack
United States of America	17 Mar 1999	09/271620		15 Aug 2000	6102714	Electrical Connectors Having Dual Biased Contact Pins
United States of America	10 Feb 1998	09/021491		15 Aug 2000	6105068	Method And Apparatus For Determining A Protocol Type On A Network Connection Using Error Detection Values Stored Within Internetworking Devices
United States of America	01 Oct 1997	08/942407		15 Aug 2000	6105151	System For Detecting Network Errors
United States of America	26 Sep 1997	08/938370		22 Aug 2000	6108330	Apparatus And Methods For Use Therein For An ISDN LAN Modem That Selects Among A Plurality Of DNS Servers For Responding To A DNS Query
United States of America	04 Aug 1999	08/865739		22 Aug 2000	6108345	CONFIGURABLE WAN/LAN BRIDGE
United States of America	09 Mar 1998	09/038711		22 Aug 2000	6108350	Method and Apparatus For Detecting The Protocol Used By An End Station And Negotiating A Protocol Used By The Endpoint
United States of America	17 Feb 1998	09/024415		22 Aug 2000	6108692	METHOD AND APPARATUS FOR INTERNETWORKING BUFFER MANAGEMENT
United States of America	24 Jun 1997	08/882207		22 Aug 2000	6108782	Improved Distributed Remote Management (dRMOM) For Networks
United States of America	30 Nov 1998	09/201647		29 Aug 2000	6109934	Multiple Use Port and Devices Interfacable Therewith
United States of America	26 Nov 1997	08/980027		29 Aug 2000	6111920	Method And System For Timing Recovery In A Baud Rate Sampled Data Stream
United States of America	21 Mar 1997	08/822302		29 Aug 2000	6111958	Audio Spatial Enhancement Apparatus and Methods
United States of America	07 Apr 1998	09/056258		29 Aug 2000	6112245	Session Establishment For Static Links In Point To Point Protocol Sessions
United States of America	19 Mar 1998	09/044291		29 Aug 2000	6112258	Multi-Cycle I/O ASIC Communication System Having An Arbitrator Circuit Capable of Updating Address Table Associating With Each I/O ASIC Bus
United States of America	14 Sep 1999	09/395842		05 Sep 2000	6115263	Panel Having Fingers Adapted To Retain Printed Circuit Board/Modular Device Carrier Assembly
United States of America	29 Oct 1997	08/959833		05 Sep 2000	6115376	Medium Access Control Address Authentication
United States of America	11 Sep 1997	08/927914		05 Sep 2000	6115379	Unicast Multicast And Broadcast Method And Apparatus
United States of America	06 Oct 1997	08/944462		05 Sep 2000	6115395	Method Of Detecting Network Impairments For High Speed Data Communication Over Conventional Subscriber Lines
United States of America	24 Aug 1998	09/138943		05 Sep 2000	6115760	Intelligent Scalable FIFO Buffer Circuit For Interface Between Digital Domains
United States of America	12 Oct 1999	08/850538		05 Sep 2000	6115776	Network And Adaptor With Time-Based And Packet Number Based Interrupt Combinations
United States of America	25 May 1999	09/318166		12 Sep 2000	6116924	Electromagnetic Emissions Shielding Structure For Circuit Board Connector Assembly
United States of America	02 Mar 1998	09/033270		12 Sep 2000	6116927	Electrical Connector For Use Between Media Connectors And Computer Communications Cards
United States of America	26 Sep 1997	08/938573		12 Sep 2000	6118768	Apparatus And Method For Use Therein For An ISDN LAN Modem Utilizing Browser-Based Configuration With Adaptation Of Network Parameters
United States of America	07 Apr 1998	09/056280		12 Sep 2000	6118785	Point-To-Point Protocol With A Signaling Channel
United States of America	07 May 1997	08/852659		12 Sep 2000	6118796	Apparatus For An Improved ISDN Terminal Adapter Having Automatic ISDN Switch Detection And Methods For Use Therein

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United States of America	19 Dec 1997	08/994862		12 Sep 2000	6118815	ADAPTING EQUALIZATION GAIN AND OFFSET FOR DATA TRANSMISSIONS
United States of America	05 Apr 1999	09/286284		19 Sep 2000	6120307	Modular Connector With Printed Circuit Board
United States of America	23 Mar 1998	09/046230		26 Sep 2000	6125112	Non Buffered, Non Blocking Multistage ATM Switch
United States of America	13 Dec 1995	08/571710		26 Sep 2000	6125179	Echo Control Device With Quick Response To Sudden Echo Path Change
United States of America	29 May 1997	08/865399		26 Sep 2000	6125343	Speaker and Method for Selecting a Loudest Speaker by Comparing Average Frame Gains
United States of America	02 May 1997	08/850089		26 Sep 2000	6125448	Power Subsystem For A Communication Network Containing A Power Bus
United States of America	24 Nov 1999	09/449253		03 Oct 2000	6127639	Apparatus and method for activating and deactivating a switch
United States of America	05 Aug 1997	08/906026		03 Oct 2000	6128194	PC Card With Electromagnetic And Thermal Management
United States of America	26 Feb 1998	09/031103		03 Oct 2000	6128311	Method And System For Interfacing Parallely Interfaced Devices Through A Serial Bus
United States of America	22 Oct 1998	09/177706		03 Oct 2000	6128658	Self Initiated System Event Using Network Resources
United States of America	02 Sep 1999	08/866822		03 Oct 2000	6128715	Asynchronous Transmit Packet Buffer
United States of America	20 Mar 1998	09/044958		10 Oct 2000	6130880	Method And Apparatus For Adaptive Prioritization Of Multiple Information Types In Highly Congested Communication Devices
United States of America	10 Jul 1997	08/889970		10 Oct 2000	6130916	Method And Apparatus For Improving A Transmission Data Rate Of Baseband Data In A Wireless Network
United States of America	27 Feb 1998	09/031627		10 Oct 2000	6130944	Multi Position Telephone Unit
United States of America	01 Oct 1997	08/942573		10 Oct 2000	6134678	Method Of Detecting Network Errors
United States of America	30 Nov 1998	09/201679		24 Oct 2000	6135786	Removable Modular Connector For Connecting An Electronic Device To A Communications Card
United States of America	26 Aug 1999	09/383713		24 Oct 2000	6135793	Coupler For Grounding Of A Modular Transceiver Housing
United States of America	28 May 1999	09/322837		24 Oct 2000	6137188	A Method For Shared Voltage Regulation With Multiple Devices
United States of America	28 May 1998	09/086505		24 Oct 2000	6137689	Protective Enclosure Apparatus And Method
United States of America	30 Oct 1998	09/183830		31 Oct 2000	6139342	MEDIA JACK WITH SWITCH FOR LAN AND MODEM CONNECTION
United States of America	28 Oct 1997	08/959607		31 Oct 2000	6140575	Shielded Electronic Circuit Assembly
United States of America	12 Oct 1999	09/416067		31 Oct 2000	6140911	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires To A Wireless Network Access Point
United States of America	28 Apr 1999	09/300855		31 Oct 2000	6141126	Wave Division Multiplexing Based Optical Switch
United States of America	19 Mar 1998	09/044293		31 Oct 2000	6141344	Coherence Mechanism For Distributed Address Caches In Ethernet Switch
United States of America	05 Feb 2000	09/927693		07 Nov 2000	6144464	Method And Apparatus For Modification Of Fax Data Rate Over Wireless Channels
United States of America	14 Jul 1998	09/114975		07 Nov 2000	6145010	Method And Means For Bandwidth Control In An Over Subscribed Computer Network Switch
United States of America	12 Dec 1997	08/989616		07 Nov 2000	6145109	Forward Error Correction System For Packet Based Real Time Media
United States of America	09 Mar 1999	09/265000		14 Nov 2000	6146153	Adapter Apparatus And Method For Transmitting Electronic Data

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United States of America	14 Oct 1999	09/417577		14 Nov 2000	6146209	Surface Mountable Electrical Connector System
United States of America	18 Dec 1998	09/215102		14 Nov 2000	6147874	Backplate for Securing Printed Circuit Card to a Computer Chassis
United States of America	18 Nov 1998	09/195342		14 Nov 2000	6147971	An Optimised Routing Method And Based On Minimal Hop Count For Use In PNNI Based Asynchronous Transfer Mode Networks
United States of America	11 Apr 2000	08/835758		14 Nov 2000	6147987	Supporting Load Sharing Across Multiple Network Access Servers
United States of America	07 Nov 1997	08/965737		14 Nov 2000	6147997	Mechanism To Support An Utopia Interface Over A Backplane
United States of America	15 Mar 1999	09/268862		14 Nov 2000	6148002	Shared Auto Negotiation Logic For Multiple Port Network Devices
United States of America	29 May 1998	09/087345		14 Nov 2000	6148350	SYSTEM FOR ALLOCATING AN INTEGER UNIT OF MEMORY GREATER THAN A REQUESTED SIZE AND FILLING THE EXTRA SPACE DUE TO DIFFERENCE IN SIZES WITH EXTRANEOUS DATA
United States of America	12 May 1999	09/310868		21 Nov 2000	6151213	Ventilation And Cooling Control System For Modular Platforms
United States of America	05 Feb 1998	09/018872		21 Nov 2000	6151636	Data And Media Communication Through A Lossy Channel Using Signal Conversion
United States of America	30 Nov 1998	09/201322		28 Nov 2000	6152779	Connector Shield
United States of America	13 Feb 1998	09/023174		05 Dec 2000	6157635	Integrated Remote Data access And Audio Visual Conference Gateway
United States of America	06 Nov 1996	08/744920		05 Dec 2000	6157647	Direct Addressing Between VLAN Subnets
United States of America	31 Oct 1997	08/961981		05 Dec 2000	6157649	Method And System For Coordination And Control Of Data Streams That Terminate At Different Termination Units Using Virtual Tunneling
United States of America	05 Nov 1998	09/187175		12 Dec 2000	6159037	Illuminated Connector
United States of America	22 Jul 1999	09/358676		12 Dec 2000	6160354	Lead Matrix Current Control System
United States of America	18 Dec 1997	08/993541		12 Dec 2000	6160808	Technique For Transmitting Incoming Multi-Link Point-To-Point (PPP) Packet Traffic Over Multiple Outgoing Links In A Multi-Link Bundle
United States of America	30 Oct 1998	09/181431		12 Dec 2000	6161134	Method, Apparatus And Communications System For Companion Information And Network Appliances
United States of America	26 Feb 1998	09/031102		12 Dec 2000	6161201	Method And Apparatus For Concurrent Interaction With A Modem Having An Open Connection
United States of America	07 Jan 1998	09/003627		26 Dec 2000	6166917	Techniques Of Assembling Modular Electronic Equipment
United States of America	05 May 1998	09/073054		26 Dec 2000	6167567	Technique For Automatically Updating Software Stored On A Client Computer In A Networked Client Server Environment
United States of America	30 Nov 1998	09/201682		02 Jan 2001	6167781	System and Apparatus for Retaining Position of Cam Follower
United States of America	05 Aug 1999	09/369495		02 Jan 2001	6169741	METHOD AND APPARATUS FOR TRANSPARENT INTERMEDIATE SYSTEM BASED FILTERING ON A LAN OF MULTICAST PACKETS
United States of America	07 Jan 1998	09/003844		02 Jan 2001	6169744	Method and Protocol for a Medium Access Control Layer For Local area Networks With Multiple Priority Traffic
United States of America	14 Feb 1998	09/018372		02 Jan 2001	6170061	Method And System For Secure Cable Modem Registration
United States of America	06 Dec 1999	09/455586		02 Jan 2001	6170062	Fault Detection On A Dual Supply System For A Universal Serial Bus System
United States of America	11 Sep 1997	08/927913		09 Jan 2001	6172980	Multiple Protocol Support

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United States of America	29 May 1998	09/087307		09 Jan 2001	6173405	Secure Communications Card Modem And Method Of Using Same
United States of America	08 Oct 1999	09/415571		16 Jan 2001	6173848	Mounting Shelf For Installation Of Lan Hubs
United States of America	28 May 1999	09/322869		16 Jan 2001	6174205	Communication Card Extension And Adapter Port
United States of America	01 Oct 1997	08/942446		16 Jan 2001	6175871	Method And Apparatus For Real Time Communication Over Packet Networks
United States of America	24 Mar 1998	09/047068		23 Jan 2001	6178172	Method Of Topology Database Synchronization In An Asynchronous Transfer Transfer Mode Network
United States of America	27 Feb 1998	09/031942		30 Jan 2001	6181404	Liquid Crystal Display Apparatus And Method
United States of America	29 Dec 1997	08/999482		30 Jan 2001	6181681	Local Area Network Media Access Controller Layer Packet Forwarding Device
United States of America	13 Oct 1998	09/170437		30 Jan 2001	6182125	Methods For Improving User Perception Of Network Information Content
United States of America	05 Feb 1998	09/019461		30 Jan 2001	6182135	Method For Determining Whether Two Pieces Of Network Equipment Are Directly Connected
United States of America	11 Jan 1999	09/228208		30 Jan 2001	6182149	System for Managing Dynamic Processing Resources In A Network
United States of America	31 Aug 1998	09/144156		30 Jan 2001	6182172	Reinitialization Circuit For A Data Communications Interface
United States of America	28 May 1998	09/085766		30 Jan 2001	6182193	A Caching System using cache indexes for call group data of call requests in atm networks
United States of America	11 Sep 1997	08/927915		06 Feb 2001	6185214	Use Of Code Vectors For Frame Forwarding In A Bridge Router
United States of America	22 May 1998	09/083909		16 Feb 2001	6185520	Method And System For Bus Switching Data Transfers
United States of America	19 Mar 1998	09/044460		06 Feb 2001	6185552	Method And Apparatus For Searching And Maintaining A Distributed Data Structure
United States of America	26 May 1998	09/085395		06 Feb 2001	6185607	Method For Managing Network Data Transfers With Minimal Host Processor Involvement
United States of America	20 Jun 2000	09/018404		06 Feb 2001	6185624	Method And System for Cable Modem Management Of A Data Over Cable System
United States of America	07 May 1999	09/307578		13 Feb 2001	6186462	Adjustable Stand Apparatus
United States of America	01 Jul 1999	09/345891		13 Feb 2001	6186803	Breakway Physical Electrical Media Jack
United States of America	17 Jun 1997	08/877531		13 Feb 2001	6188669	Apparatus For Statistical Multiplexing And Flow Control Of Digital Subscriber Loop Modems
United States of America	16 Mar 1998	09/039725		13 Feb 2001	6188691	Multicast Domain Virtual Local Area Network
United States of America	26 Feb 1999	09/258500		13 Feb 2001	6189066	System And Method For Dynamically Selecting Interrupt Time Interval Threshold Parameters
United States of America	26 Feb 1999	09/258514		13 Feb 2001	6189067	System And Method For Dynamically Selecting Interrupt Quality Threshold Parameters
United States of America	27 May 1998	09/085585		13 Feb 2001	6189102	Method For Authentication Of Network Devices In A Data Over Cable System
United States of America	02 Aug 1999	09/365010		20 Feb 2001	6191626	Method and Apparatus For Compensation For Input Threshold Variations On Input Buffers
United States of America	05 Apr 2000	09/543037		20 Feb 2001	6191743	Multiple Antenna Ports for Electronic Devices
United States of America	01 May 1998	09/071067		20 Feb 2001	6192043	Method Of Caching Routes In Asynchronous Transfer Mode PNNI Networks
United States of America	19 Dec 1997	08/994519		20 Feb 2001	6192071	Detecting Over Equalization For Adapting Equalization And Offset For Data Transmissions

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United States of America	26 Feb 1999	09/258501		20 Feb 2001	6192440	System And Method For Dynamically Selecting Interrupt Storage Time Threshold Parameters
United States of America	29 Aug 1998	09/143036		27 Feb 2001	6195332	Rate Based Flow Control Protocol On An Ethernet Over Ring Communications Network
United States of America	28 Jan 1998	09/014547		27 Feb 2001	6195349	Scalable Logical Lan
United States of America	28 Jan 1998	09/014548		27 Feb 2001	6195351	Logical Switch Set
United States of America	09 Mar 1998	09/036850		27 Feb 2001	6195589	Personal Data Assistant With Remote Control Capabilities
United States of America	30 Nov 1998	09/201642		06 Mar 2001	6198632	Slim Media Jack
United States of America	12 Jun 2000	09/078460		13 Mar 2001	6201374	Voltage Regulation And Power Switching System
United States of America	14 May 1998	09/079003		13 Mar 2001	6201792	A Backpressure Responsive Multicast Queue
United States of America	28 May 1998	09/086245		13 Mar 2001	6201809	A Port Redundancy And Backpressure Translation Table Apparatus
United States of America	28 May 1998	09/086390		13 Mar 2001	6201817	Memory Based Buffering For A UART Or A Parallel UART Like Interface
United States of America	21 Jul 1998	09/119987		13 Mar 2001	6202081	Method And Protocol For Synchronized Transfer Window Based Firewall Traversal
United States of America	26 May 1999	09/310487		20 Mar 2001	6205030	External Fuse Access For PC Card
United States of America	28 May 1998	09/086423		20 Mar 2001	6205146	Method Of Dynamically Routing To A Well Known Address In A Network
United States of America	25 May 2000	09/927650		20 Mar 2001	6205149	Quality Of Service Control Mechanism And Apparatus
United States of America	28 May 1998	09/086394		20 Mar 2001	6205150	Method Of Scheduling Higher And Lower Priority Data Packets
United States of America	17 Dec 1999	09/464263		20 Mar 2001	6205509	A Method For Improving Interrupt Response Time
United States of America	30 Dec 1999	09/475897		27 Mar 2001	6206267	Full Coverage Thermal Couple (Design)
United States of America	01 Oct 1997	08/942169		27 Mar 2001	6208616	System For Detecting Errors In A Network
United States of America	13 Apr 1998	09/059658		27 Mar 2001	6208623	A Method Of Combining PNNI And E-LLSP In An Asynchronous Transfer Mode Network
United States of America	10 Mar 1999	09/266245		27 Mar 2001	6208629	Method and Apparatus For Assigning Spectrum Of A Wireless Local Area Network
United States of America	02 Jun 1998	09/088580		27 Mar 2001	6208714	Telephone Answering Apparatus For Indicating The Presence of A Power Cycle
United States of America	02 Jun 1998	09/088751		27 Mar 2001	6208716	Telephone Answering Apparatus And Method For Determining The Time Of Message Reception
United States of America	24 Mar 1998	09/047066		03 Apr 2001	6212165	Apparatus For And Method Of Allocating A Shared Resource Among Multiple Ports
United States of America	01 May 1998	09/071065		03 Apr 2001	6212188	Method Of Source Routing In An Asynchronous Transfer Mode Network When A Node Is In An Overload State
United States of America	01 Dec 1998	09/203542		03 Apr 2001	6212195	Telecommunication Apparatus And Method For Forwarding Packets Using Separate Collision Domains
United States of America	05 Mar 1998	09/035727		03 Apr 2001	6212206	Methods And Computer Executable Instructions For Improving Communications In A Packet Switching Network
United States of America	09 Sep 1998	09/149982		03 Apr 2001	6212272	Subscriber Line Interface Circuit (SLIC) Simulator
United States of America	01 Oct 1998	09/164744		03 Apr 2001	6212563	Method and System for Setting and Managing Externally Provided Internet Protocol

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Addresses Using the Dynamic Host Configuration Protocol						
United States of America	24 Nov 1997	08/976794		10 Apr 2001	6215799	Analog Telephone To ISDN Interface Apparatus And Method Therefor
United States of America	25 Jan 1999	09/237609		10 Apr 2001	6216158	System And Method Using A Palm Sized Computer To Control Network Devices
United States of America	14 Feb 1997	08/798273		10 Apr 2001	6216170	Methods and Apparatus For Interconnecting Personal Computers (PCs) And Local Area Networks (LANs) Using Packet protocols Transmitted Over A Digital Data Service (DDS)
United States of America	09 Mar 2000	09/074743		17 Apr 2001	6216339	Tool-Actuated Ejector Mechanism For Extracting Electronic Modular Components
United States of America	01 Feb 1999	09/241341		17 Apr 2001	6217350	Media Jack Adaptor and System
United States of America	16 Aug 1999	09/375142		17 Apr 2001	6217351	Adaptor Module Configured to be Attached to a Communications Card
United States of America	27 Jun 2000	09/604205		17 Apr 2001	6217352	Electrical Connectors Having Dual Biased Contact Pins
United States of America	02 May 1997	08/850406		17 Apr 2001	6219697	Method And Apparatus For Operating The Internet Protocol Over A High Speed Serial Bus
United States of America	10 Jan 1997	08/782046		17 Apr 2001	6219732	Apparatus And Method For Wireless Communication Between A Host and A Selectively Removable Module Electrically Connected To The host
United States of America	18 Feb 2000	09/506995		17 Apr 2001	6219815	High Speed Syndrome Calculation
United States of America	28 May 1998	09/086040		24 Apr 2001	6222820	A Method Of VCC/VPC Redundancy For Asynchronous Transfer Mode Networks
United States of America	29 May 1998	09/087624		24 Apr 2001	6222851	Adaptive Tree Based Contention Resolution Media Access Control Protocol
United States of America	19 Dec 1997	08/994866		24 Apr 2001	6222876	Detecting Valid Data Patterns For Adapting Equalization Gain And Offset for Data Transmissions
United States of America	29 May 1998	09/087377		24 Apr 2001	6222910	System And Method For Connecting And Interfacing A Communications Device To A Telephone Line Via A Telephone Set
United States of America	28 May 1998	09/085918		24 Apr 2001	6223149	A Non Distributed LAN Emulation Server Redundancy Method
United States of America	14 May 1998	09/079322		24 Apr 2001	6223222	Method And System For Providing Quality Of Service In a Data Cable System Using Configuration Protocol Messaging
United States of America	19 Mar 1998	09/044285		01 May 2001	6226292	Frame Replication In A Network Switch For Multi Port Frame Forwarding
United States of America	03 Feb 1999	09/243955		01 May 2001	6226769	Forward Error Correction System For Packet Based Real Time Media
United States of America	03 Nov 1997	08/963402		08 May 2001	6230181	Management ShutDown And Reset Of Embedded Systems
United States of America	31 Oct 1996	08/739397		08 May 2001	6230193	Method And Apparatus Supporting Network Communications
United States of America	19 Mar 1998	09/044490		08 May 2001	6230231	Hash Equation For Ethernet MAC Addresses That Supports Cache Entry Tagging And Virtual Address Tables
United States of America	18 May 1998	09/080450		15 May 2001	6233074	Ring Networks Utilizing Wave Division Multiplexing
United States of America	08 Apr 1997	08/835534		15 May 2001	6233232	Supporting Multi-Link Connections Across Multiple Network Access Servers
United States of America	02 Feb 1998	09/017221		15 May 2001	6233237	Method And Protocol For Connection Data Calls Using R2 Signaling
United States of America	19 Aug 1999	08/914294		15 May 2001	6233613	High Impedance Probe For Monitoring Fast Ethernet LAN Links
United States of America	17 May 1999	09/312791		29 May 2001	6239977	Technique For Mounting Electronic Components On Printed Circuit Boards

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United States of America	29 May 1998	09/087557		29 May 2001	6240302	Wireless Phone With Removable Personal Information Manager
United States of America	04 Feb 1998	09/018780		29 May 2001	6240464	Method And System For Managing Addresses For Network Host Interfaces In A Data Over Cable System
United States of America	20 May 1998	09/082417		05 Jun 2001	6243785	Hardware Assisted Polling For Software Drivers
United States of America	06 Sep 2000	09/655955		05 Jun 2001	6243818	Power Subsystem For A Communication Network Containing A Power Bus
United States of America	17 Apr 1998	09/062435		05 Jun 2001	6243846	A Forward Error Correction System for Packet Based Data and Real Time Media, Using Cross Wise Parity Calculation
United States of America	25 May 1999	09/318165		12 Jun 2001	6244953	Electronic Device Fan Mounting System
United States of America	28 May 1999	09/321968		12 Jun 2001	6246589	A Retention Clip For Retaining A Compact Flash Drive On A PC Board
United States of America	01 May 1998	09/071692		12 Jun 2001	6246683	Receive Processing With Network Protocol Bypass
United States of America	19 Mar 1998	09/044771		12 Jun 2001	6246690	Method And Device For Controlling Data Flow In A Computer Data Network
United States of America	03 Nov 1998	09/186209		12 Jun 2001	6247082	Method And Circuit For Providing Handshaking To Transact Information Across Multiple Clock Domains
United States of America	16 Feb 1999	09/250685		19 Jun 2001	6249757	System for Detecting Voice Activity
United States of America	26 Feb 1998	09/031368		26 Jun 2001	6252532	Programmable Compensation and Frequency Equalization For Network Systems
United States of America	15 Apr 1999	09/297295		26 Jun 2001	6252901	Digital Modem Fast Retrain Escape Mechanism
United States of America	29 Feb 2000	09/516270		26 Jun 2001	6253265	Reinitialization Circuit for a Data Communications Interface
United States of America	22 Dec 1998	09/218330		26 Jun 2001	6253269	Method and System for a Bus Arbiter
United States of America	07 Dec 1999	09/457433		03 Jul 2001	6255967	Frame Based Spectral Shaping Method And Apparatus
United States of America	08 Jun 1999	09/328191		03 Jul 2001	6256305	Architecture to Support A Single System Image Across Multiple Network Access Servers
United States of America	03 Jun 1998	09/089838		03 Jul 2001	6256306	Atomic Network Switch With Integrated Switch Nodes
United States of America	29 May 1998	09/087104		03 Jul 2001	6256320	Distributed Arbitration Scheme For Network Device
United States of America	19 Oct 1999	09/421955		03 Jul 2001	6256353	Method And Apparatus For Generating A Probing Signal For A System Having Non Linear Network And Codec Distortion
United States of America	17 Dec 1999	09/464262		03 Jul 2001	6256693	A Master/Slave Data Bus Employing Unidirectional Address and Data Lines and Request/Acknowledge
United States of America	15 Dec 1999	09/461137		10 Jul 2001	6257905	Surface Mounted Contact Block
United States of America	08 Feb 1999	09/246534		10 Jul 2001	6257906	Functionally Illuminated Electronic Connector With Improved Light Dispersion
United States of America	22 Jul 1999	09/359990		10 Jul 2001	6259409	Retractable Sliding Antenna Assembly For Wireless Communication
United States of America	21 Jan 2000	09/488670		10 Jul 2001	6259418	Modified Monopole Antenna
United States of America	24 Jul 1998	09/122201		10 Jul 2001	6259691	System and Method for Efficiently Transporting Dual-Tone Multi-Frequency Multiple Frequency (DTMF/MF) Tones In A Telephone Connection On A Network-Based Telephone System
United States of America	18 May 1998	09/080484		10 Jul 2001	6260084	Modem Apparatus And Method For Serial Command And Data Multiplexing

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United States of America	28 Aug 1998	09/141803		17 Jul 2001	6262977	High Availability Spanning Tree With Rapid Reconfiguration
United States of America	04 Jan 2001	09/204107		17 Jul 2001	6262979	Telecommunication Conferencing System And Method
United States of America	12 May 1998	09/076687		17 Jul 2001	6262984	Method Of Preventing Overlapping Branches In Point To Multipoint Calls In PNNI Networks
United States of America	03 May 2000	09/562953		24 Jul 2001	6265930	Glitch Free Clock Multiplexer Circuit
United States of America	16 Nov 1999	08/865553		24 Jul 2001	6266017	Retractable Antenna System
United States of America	28 May 1998	09/086395		24 Jul 2001	6266367	Combined Echo Canceller And Time Domain Equalizer
United States of America	04 Feb 2000	09/499088		24 Jul 2001	6266376	System and Method For Adjusting PCM Data-Frames For Robbed Bit Signaling In A Telephone Network
United States of America	18 Aug 2000	09/087484		24 Jul 2001	6266732	Interrupt Events Chaining
United States of America	14 Apr 1998	09/060456		31 Jul 2001	6268999	Computer Peripheral Device With Integral Ground Clip
United States of America	28 May 1998	09/086104		31 Jul 2001	6269076	A Method Of Resolving Split Virtual LANS Utilizing A Network Management System
United States of America	01 Jul 1998	09/108935		31 Jul 2001	6269099	Protocol And Method For Peer Network Device Discovery
United States of America	28 Aug 1998	09/143486		31 Jul 2001	6269401	Integrated Computer System And Network Performance Monitoring
United States of America	05 Jan 1999	09/226086		31 Jul 2001	6269404	Virtual Network Architecture For Connectionless LAN Backbone
United States of America	12 May 1998	09/076686		07 Aug 2001	6272107	Method Of Path Restoration In An ATM Network Utilizing Point To Point Switched Virtual Circuits
United States of America	25 Oct 2000	09/696044		14 Aug 2001	6273795	Rotating Turret Side Entry Retractable Jack
United States of America	19 Mar 1998	09/044403		14 Aug 2001	6275498	Extended PHY Addressing
United States of America	27 May 1998	09/090595		14 Aug 2001	6275853	System And Method For Extending Communications Features Using Generic Management Information Base Objects
United States of America	30 Apr 1999	09/303341		14 Aug 2001	6275933	Security System For A Computerized Apparatus
United States of America	25 May 1999	09/318389		21 Aug 2001	6276965	Shielded I/O Connector Compact Communications Device
United States of America	08 Aug 2000	09/633968		21 Aug 2001	6278608	Ventilation And Cooling Control System For Modular Platforms
United States of America	28 Jul 1999	08/835532		21 Aug 2001	6278705	Integrated Architecture To Support A Single System Image Across Multiple Network Access Servers
United States of America	10 Aug 1998	09/131717		21 Aug 2001	6279037	Methods and apparatus for collecting, storing, processing and using Network Traffic Data
United States of America	04 Apr 2000	09/542226		28 Aug 2001	6281425	Apparatus and Method of Recharging A Handheld Computing Device Using Solar Power
United States of America	25 May 1999	09/318167		28 Aug 2001	6281432	Sheet Metal Component With Depression
United States of America	04 Mar 1998	09/034653		28 Aug 2001	6282177	METHOD AND APPARATUS FOR DYNAMICALLY CONTROLLING THE BIAS CURRENT IN A RECEIVER IN RESPONSE TO THE TRANSMITTER POWER
United States of America	28 May 1999	09/322954		28 Aug 2001	6282238	Adapter Card That Selects Between An ISDN Interface And An Analog Modem Interface
United States of America	28 Oct 1998	09/183508		28 Aug 2001	6282586	Method In an Operating System, a Method, And System for Supporting Multiple Hardware Devices from a Single Communications Port

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	17 Dec 1999	09/465891		28 Aug 2001	6282626	No Stall Read Access-A Method For Hiding Latency In Processor Memory Accesses
United States of America	27 May 1999	09/320789		04 Sep 2001	6283773	Media Jack With External Fuse Access
United States of America	31 Aug 1999	09/387218		04 Sep 2001	6283775	Electrical Connector With Automatic Switching Between Multiple Devices
United States of America	15 May 1998	09/080084		04 Sep 2001	6285707	Temperature Compensation For Communications Cards
United States of America	31 Oct 1997	08/962204		04 Sep 2001	6285709	Error Filtering In A Hybrid Equalizer System
United States of America	01 Apr 1998	09/053416		04 Sep 2001	6286105	Method For Implementing Link Level Security To Enforce Access Privileges
United States of America	29 May 1998	09/087783		11 Sep 2001	6289017	Method Of Providing redundancy And Load Sharing Among Multiple LECs In An Asynchronous Transfer Mode Network
United States of America	02 Feb 1999	09/243206		11 Sep 2001	6289130	A Method For Real-Time Lossless Data Compression of Computer Data
United States of America	30 Nov 1998	09/201039		11 Sep 2001	6289370	Platform independent Enhanced Help System For An Internet Enabled Embedded System
United States of America	28 May 1998	09/086202		18 Sep 2001	6292545	Apparatus And Method For Detecting The Source Of A Telephone Tone Signal
United States of America	25 Aug 1999	09/379389		18 Sep 2001	6292838	Technique For Automatic Remote Media Access Control (MAC) Layer Address Resolution
United States of America	09 Dec 1998	09/207807		18 Sep 2001	6292839	Method and System for Reflexive Tunneling
United States of America	23 Feb 2000	09/511113		25 Sep 2001	6293706	Dual-Mode Socket Connectors
United States of America	12 Oct 1999	09/416542		25 Sep 2001	6295207	Retractable And Removable Extensions With Edge Plated Pcb's In Thin-profile Electronic Devices
United States of America	12 Feb 1999	09/248780		25 Sep 2001	6295208	Backplate For Securing A Circuit Card To A computer Chassis
United States of America	16 May 1997	08/857471		25 Sep 2001	6295281	Symmetric Flow Control For Gigabit Ethernet Full Duplex Buffered Repeater
United States of America	28 May 1998	09/086426		25 Sep 2001	6295534	Apparatus For Maintaining An Ordered List
United States of America	27 May 1998	09/085651		25 Sep 2001	6295554	System And Method For Communicating With A Telco Return Cable Modem As a Single communications Device
United States of America	01 May 1998	09/071694		02 Oct 2001	6298067	Distributed Arbitration Scheme For Network Device
United States of America	07 Apr 1998	09/056281		09 Oct 2001	6301229	Distribution Of Protocol Processes From Network Elements To End Stations
United States of America	15 Oct 1998	09/173142		09 Oct 2001	6301352	Method and System for Providing an Alternate Common Channel Signaling Path
United States of America	17 Feb 1998	09/024793		09 Oct 2001	6301603	Scalable Audio Processing on a Heterogeneous Processor Array
United States of America	24 Dec 1998	09/220430		09 Oct 2001	6301623	Computer network with a plurality of identically addressed devices
United States of America	26 Apr 1999	09/299709		16 Oct 2001	6304877	Device Description And Management Language For Computer Network Devices
United States of America	24 Oct 1997	08/957711		23 Oct 2001	6307880	Method And System For Externally Incorporating Automatic Switching Between Voice And Data Communications
United States of America	30 Nov 1998	09/201351		23 Oct 2001	6308192	Methods and Apparatus for Adaptive Filters
United States of America	19 Mar 1998	09/044294		30 Oct 2001	6310874	Learn Pending Frame Throttle
United States of America	30 Apr 1998	09/070479		30 Oct 2001	6310877	Method Of Connectionless Message Transfer In An Asynchronous Transfer Mode Network

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United States of America	27 Jan 1999	09/238880		30 Oct 2001	6310882	High Speed Switch Architecture Using Separate Transmit and Receive Channels with Independent Forwarding Tables
United States of America	28 Oct 1997	08/955869		30 Oct 2001	6311218	Method And Apparatus For Providing Security In A Star Network Connection Using Public Key Cryptography
United States of America	25 Aug 1998	09/139625		30 Oct 2001	6311276	Secure System For Remote Management and Wake-Up Commands
United States of America	01 Oct 1997	08/943379		06 Nov 2001	6314525	Means For Allowing Two Or More Network Interface Controller Cards To Appear As One Card To An Operating System
United States of America	17 Jul 2000	09/618164		13 Nov 2001	6315618	Surface Mountable Electrical Connector System
United States of America	14 Sep 2000	08/991313		13 Nov 2001	6317455	System And Method For User Information Transfer Before Modem Connection
United States of America	24 Sep 1999	09/404935		13 Nov 2001	6317597	Method And System For Geographically Selecting Data Modems For Data Sessions Over A Wireless Channel
United States of America	21 Oct 1997	08/954923		20 Nov 2001	6320883	Method And Apparatus For Automatic Selection Of An Unknown ISDN reference
United States of America	28 Aug 1998	09/141968		20 Nov 2001	6321264	Network Performance Statistics Using End Node Computer Systems
United States of America	26 May 1998	09/085135		27 Nov 2001	6324178	Method For Efficient Data Transfers Between Domains Of Differing Data Frame Formats
United States of America	16 Apr 1998	09/062158		27 Nov 2001	6324181	FIBRE CHANNEL SWITCHED ARBITRATED LOOP
United States of America	29 Jan 1999	08/240360		27 Nov 2001	6324575	Intelligent Selection Of Multicast Filtering Modes For Switch Ports
United States of America	15 Jan 1999	08/232862		27 Nov 2001	6324652	Asynchronous Switching Circuit For Multiple Indeterminate Bursting Clocks
United States of America	08 Sep 2000	09/657681		04 Dec 2001	6325346	Keyboard Mounting Apparatus and Method For A Personal Computing appliance
United States of America	20 Mar 2000	09/528501		04 Dec 2001	6325674	Card Edge Connector For A Modular Jack
United States of America	10 Aug 1998	09/131725		04 Dec 2001	6327620	Methods and apparatus for collecting, storing, processing and using Network Traffic Data
United States of America	30 Nov 1999	09/451395		04 Dec 2001	6327625	FIFO-Based Network Interface Supporting Out-of-Order Processing
United States of America	30 Sep 1998	09/164209		04 Dec 2001	6327662	Improved Security Through The Use Of Tokens And Automatically Downloaded Applets
United States of America	17 Nov 1999	09/442237		11 Dec 2001	6328480	Connectors For Providing Fibre Optic Connection To Ethernet Devices Having Twisted-Pair Connections
United States of America	29 Sep 2000	09/675730		11 Dec 2001	6329906	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires
United States of America	07 Sep 2000	09/657133		11 Dec 2001	6329960	Antenna Assembly
United States of America	13 May 1999	09/311319		11 Dec 2001	6330154	Cooling Equipment
United States of America	09 Nov 1998	09/188852		11 Dec 2001	6330229	Spanning Tree With Rapid Forwarding Databases Updates
United States of America	27 May 1998	09/085586		18 Dec 2001	6331987	Method And System For Bundling Data In A Data Over Cable System
United States of America	26 Apr 1999	09/299710		18 Dec 2001	6332142	Management Information Base Attribute Discriminator
United States of America	02 May 2000	09/585931		25 Dec 2001	6332784	A Housing For A Communications Card
United States of America	20 Mar 2000	09/528502		25 Dec 2001	6333860	EMI Shield With Connector Cover Extension

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United States of America	18 May 2000	09/573821		08 Jan 2002	6337862	Network Switch With Truncated Trie Look-Up Facility
United States of America	28 May 1999	09/321899		08 Jan 2002	6338077	Transfer Function Implementation Using Digital Impedance Synthesis
United States of America	20 Mar 2000	09/528331		15 Jan 2002	6338656	Modular Jack For Type III PCMCIA Cards
United States of America	26 Feb 1998	09/032382		22 Jan 2002	6341135	Low Power Buffer System For Network Communications
United States of America	12 May 2000	09/570254		29 Jan 2002	6343078	Compression Of Forwarding Decisions In A Network Device
United States of America	12 Mar 1999	09/267964		12 Feb 2002	6345388	INTER-CARD CONNECTION BETWEEN ADJACENTLY POSITIONED EXPANSION CARDS
United States of America	29 Apr 1998	09/069623		12 Feb 2002	6347073	Method And System For Controlling Data Transfer Between A Logical Switch Set and Outside nodes
United States of America	17 Dec 1999	09/465910		12 Feb 2002	6347347	Multi-Cast DMA-A Method For Reducing Bandwidth and Processing Overhead in Digital Systems
United States of America	20 Jan 1999	09/234187		26 Feb 2002	6351524	Toll Saving Method and Apparatus for a Remote access System
United States of America	27 Apr 1998	09/067144		26 Feb 2002	6351529	Method And System For Automatic Gain Control With Adaptive Table Lookup
United States of America	28 May 1999	09/321959		26 Feb 2002	6351719	Shared Slot PCI/ISA Bus Extender
United States of America	21 Dec 1998	09/217534		26 Feb 2002	6351773	Methods For Restricting Access of Network Devices to Subscription Services In A Data-Over-Cable System
United States of America	26 Jan 1999	09/237995		26 Feb 2002	6351785	Interrupt Optimization Using Varying Quantity Threshold
United States of America	27 Jun 2000	09/605320		05 Mar 2002	6353414	Antenna For a portable information device
United States of America	05 Mar 1998	09/035600		05 Mar 2002	6353614	Method And Protocol For Distributed Network Address Translation
United States of America	26 May 2000	09/579185		05 Mar 2002	6353891	Control Channel Security For Realm Specific Internet Protocol
United States of America	28 May 1999	09/322955		12 Mar 2002	6356970	Interrupt Request Control Module With A DSP Interrupt Vector Generator
United States of America	23 Apr 1998	09/065815		19 Mar 2002	6359998	METHOD AND APPARATUS FOR WAVELET-BASED DIGITAL WATERMARKING
United States of America	31 Aug 1998	09/143194		19 Mar 2002	6360258	Network Management Software Library Allowing A Sending And retrieval Of Multiple SNMP Objects
United States of America	02 Feb 1999	09/241689		19 Mar 2002	6360271	System For Dynamic Jitter Buffer Management Based on Synchronized Clocks
United States of America	27 May 1999	09/321307		19 Mar 2002	6360278	FIFO Queued Entry Point Circuit For A Network Interface Card
United States of America	29 May 1998	09/093837		19 Mar 2002	6360281	System And Method For Communicating With A Serial Communications Device Using Multiple Virtual Ports
United States of America	13 Apr 2000	09/548412		26 Mar 2002	6361357	Remotely Illuminated Electronic Connector For Improving Viewing Of Status Indications
United States of America	08 Feb 1999	09/246606		26 Mar 2002	6363053	Method and Apparatus for Measurement-Based Conformance Testing of Service Level Agreements in Networks
United States of America	28 Aug 1998	09/141829		26 Mar 2002	6363416	System And Method For Automatic Election Of A Representative Node Within A Communications Network With Built In Redundancy
United States of America	26 Apr 1999	09/299484		26 Mar 2002	6363423	System and Method for Remotely Generating, Assigning and Updating a Unique Identifier on a Network Adapter Card in a Computing System
United States of America	20 Apr 1999	09/295012		26 Mar 2002	6363429	Method and System for Automatic Determination of Priority Data Streams on Computer Networks

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	17 Dec 1999	09/464626		26 Mar 2002	6363444	SLAVE PROCESSOR TO SLAVE MEMORY DATA TRANSFER WITH MASTER PROCESSOR WRITING ADDRESS TO SLAVE MEMORY AND PROVIDING CONTROL INPUT TO SLAVE PROCESSOR AND SLAVE MEMORY
United States of America	28 Aug 1998	09/143273		26 Mar 2002	6363477	Method For Analyzing Networked Application Flows In An Encrypted Environment
United States of America	26 Jan 2000	09/490989		02 Apr 2002	6364009	Cooling Devices
United States of America	08 Sep 2000	09/657385		02 Apr 2002	6365261	Method and Apparatus for overmolded antenna
United States of America	01 Mar 1999	09/260150		02 Apr 2002	6365297	System And Method For Displaying Modem Information On A Graphical User Interface Display
United States of America	27 Apr 1998	09/067133		02 Apr 2002	6366589	Multiple Parallel Asymmetric Interfaces With Reversed Asymmetric Links
United States of America	28 May 1999	09/322836		02 Apr 2002	6366959	Method And Apparatus For Real Time Communication System Buffer Size And Error Correction Coding Selection
United States of America	03 May 1999	09/304034		02 Apr 2002	6366973	Slave Interface Circuit For Providing Communication Between A Peripheral Component Interconnect (PCI) Domain and An ASB Domain
United States of America	28 Jun 2000	09/019462		02 Apr 2002	6367018	Method And Apparatus For Detecting Dedicated Link Between An End Station And A Network Device00950-007
United States of America	23 Apr 1998	09/065129		09 Apr 2002	6370147	Method for Addressing of Passive Network Hosts in a Data Over Cable System
United States of America	14 Sep 2000	09/661043		16 Apr 2002	6373305	Digital receive phase lock loop with residual phase error and cumulative phase error correction
United States of America	30 Aug 1999	09/386111		16 Apr 2002	6373721	Cable Management Apparatus And Method
United States of America	27 May 1998	09/085411		16 Apr 2002	6373889	In Band Signal And Detector For PCM Modem Exception Processing
United States of America	11 Mar 1999	09/266290		23 Apr 2002	6375472	Apparatus And Method Of Mounting A Bracket Apparatus To A Circuit Board
United States of America	31 Aug 2000	09/652547		23 Apr 2002	6375479	Retractable Connector With An Alignment Mechanism For Use With Electronic Devices
United States of America	04 Oct 2000	09/684286		23 Apr 2002	6377218	DEVICE FOR PROVIDING AN ANTENNA, A RECEPTABLE, AND A PHYSICAL CONNECTOR ON A TYPE II PCMCIA CARD
United States of America	23 Apr 1998	09/065331		23 Apr 2002	6377571	Virtual Modem For Dialout Clients In Virtual Private Networks
United States of America	15 Mar 1999	09/268610		23 Apr 2002	6377667	A Telephone Line-Assist Powered Apparatus With Programmable Hold Current
United States of America	29 May 1998	09/087001		23 Apr 2002	6377683	Low Complexity Frequency Domain Echo Canceller For DMT Transceivers
United States of America	28 May 1999	09/322744		23 Apr 2002	6378011	Parallel To Serial Asynchronous Hardware Assisted DSP Interface
United States of America	20 Sep 2000	09/665392		30 Apr 2002	6380899	Case With Communication Module Having A Passive Radiator For A Handheld Computer
United States of America	24 Feb 1999	09/256390		30 Apr 2002	6381638	System And Method For Options Based Address Reuse
United States of America	28 May 1999	09/321905		30 Apr 2002	6381661	High Throughput UART To DSP Interface
United States of America	31 Aug 1998	09/143826		07 May 2002	6385307	Apparatus And Method For Overriding An Automatic Answer Function Of A Telephone Answering Device
United States of America	26 Aug 1999	09/383929		07 May 2002	6385669	Method And Apparatus For The Detection Of The Presence Of A Device On A High Speed Digital Data Bus
United States of America	15 May 2000	08/879406		07 Jun 2002	6385672	System To Optimize Packet Buffer Utilization Via Selectively Partitioned Transmit And Receive Buffer Portions

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United States of America	13 Oct 2000	09/687129		14 May 2002	6386922	Low Profile Connector With Extending Latch Mechanism
United States of America	22 Jan 2001	09/019949		14 May 2002	6389090	Digital Clock/Data Signal Recover Method And Apparatus
United States of America	30 Sep 1998	09/163661		21 May 2002	6393110	Methods and apparatus for terminating a line and supporting the asymmetric digital subscriber line protocol
United States of America	31 Dec 1998	09/223829		21 May 2002	6393474	Dynamic Policy Management Apparatus and Method Using Active Network Devices
United States of America	27 May 1999	09/321062		21 May 2002	6393488	System And Method For Supporting Internet Protocol Subnets With Network Address Translators
United States of America	28 May 1999	09/322378		21 May 2002	6393570	Low-Power apparatus For Power Management Enabling
United States of America	08 Sep 2000	09/657495		28 May 2002	6394813	Rotating Connector Adapter
United States of America	20 Mar 2000	09/528500		28 May 2002	6394850	Contact Pin Design For A Modular Jack
United States of America	29 Feb 2000	09/515791		28 May 2002	6396169	Intelligent Power Supply Control For Electronic Systems Requiring Multiple Voltages
United States of America	04 Sep 1998	09/146781		28 May 2002	6396832	Method and Apparatus for Optimizing a Switched Arbitrated Loop For Maximum Access Fairness
United States of America	03 Mar 2000	09/518391		28 May 2002	6396837	Method and System For Mapping Virtual Connections To Asymmetric Digital Subscriber Line Latency Paths
United States of America	30 Apr 1998	09/070452		28 May 2002	6396842	Method Of Searching Using Longest Match Based Radix Search Trie With Variable Length Keys And Having Prefix Capability
United States of America	30 Jul 1999	09/365094		28 May 2002	6396912	Method And System For Connecting Multiple DSL Modems To A Telephone Line
United States of America	08 Mar 1999	09/264473		28 May 2002	6397260	Automatic Load Sharing For Network Routers
United States of America	27 Jan 1999	09/238238		28 May 2002	6397287	Method And Apparatus For Dynamic Bus Request And Burst-Length Control
United States of America	12 Oct 1999	09/416095		04 Jun 2002	6398564	Communication Connector For Compact Computer Devices
United States of America	12 Oct 2000	09/687228		04 Jun 2002	6398565	Connector With An Insulation Shield
United States of America	17 Sep 2001	09/953275		04 Jun 2002	6399890	Printed Circuit Board Having Dual Purpose Profile
United States of America	04 Oct 2000	09/680549		11 Jun 2002	6404393	EMBEDDED ANTENNA IN A TYPE II PCMCIA CARD
United States of America	30 Aug 1999	09/385269		11 Jun 2002	6404467	Liquid Crystal Display Apparatus And Method
United States of America	02 May 1997	09/835712		11 Jun 2002	6405247	Method And Apparatus For Operating The Internet Protocol Over A High Speed Serial Bus
United States of America	30 Apr 1999	09/303046		25 Jun 2002	6411656	Echo Cancelling Softmodem
United States of America	10 Feb 1998	09/021249		25 Jun 2002	6412006	Method And Apparatus For Sending Delay Sensitive Information Assisted By Packet Switched Networks
United States of America	31 Aug 1999	09/386986		09 Jul 2002	6416090	Locking Mechanism For An Enclosure
United States of America	28 May 1998	09/086424		09 Jul 2002	6417944	Asynchronous Transfer mode Switch utilizing Optical Wave Division Multiplexing
United States of America	02 Dec 1999	09/453022		09 Jul 2002	6418118	Network Device Including Selective Discard Of Packets
United States of America	27 May 1998	09/085343		09 Jul 2002	6418198	Apparatus And Method For Verification Of The Presence Of A Remote User

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	20 Jan 2000	09/488668		16 Jul 2002	6419506	Combination Miniature Cable Connector And Antenna
United States of America	03 Sep 1998	09/148184		16 Jul 2002	6421376	Methods Of Using Digital Modem Identification Information
United States of America	28 Nov 2000	09/728148		16 Jul 2002	6421734	System for Managing Dynamic Processing Resources In A Network
United States of America	09 Feb 1999	09/247197		23 Jul 2002	6424650	Network Address Filter Device
United States of America	03 May 1999	09/303890		23 Jul 2002	6425071	Subsystem Bridge of AMBA's ASB Bus to Peripheral Component Interconnect (PCI) Bus
United States of America	02 Sep 1999	09/389657		30 Jul 2002	6426954	Protocol For Optimized Multicast Services For A Connection Oriented Network Providing LAN Emulation
United States of America	05 Sep 2001	09/945614		06 Aug 2002	6428330	Network Extender
United States of America	12 Oct 2000	09/687233		06 Aug 2002	6428347	Electrical Compression Connection For Retractable Connectors
United States of America	14 Nov 1997	08/970545		06 Aug 2002	6430198	Apparatus And Method Of Reducing Packet Length Count Processing
United States of America	13 Apr 1999	09/290596		06 Aug 2002	6430636	Method and System for a Physical Bus Selector
United States of America	05 Sep 2000	09/655506		13 Aug 2002	6431892	Electrical Connector With Automatic Switching Between Multiple Devices
United States of America	11 Jan 1999	09/228212		13 Aug 2002	6434118	Method For Determining Round Trip Time Utilizing ATM Traffic Management Mechanism
United States of America	25 Feb 1998	09/030077		13 Aug 2002	6434161	UART With Direct Memory Access Buffering Data And Method Therefor
United States of America	19 Aug 1998	09/136795		13 Aug 2002	6434165	Method And System To Abort Data Communication Traffic In A Communication Network
United States of America	28 May 1999	09/322561		13 Aug 2002	6434606	System For Real Time Communication Buffer Management
United States of America	08 Feb 1999	09/247118		20 Aug 2002	6438105	Reliable Internet Facsimile Protocol
United States of America	31 Aug 1998	09/144840		20 Aug 2002	6438186	Carrier Phase Derived Symbol Timing
United States of America	03 Dec 1999	09/454796		20 Aug 2002	6438429	Sensing Auxiliary Power In Various Peripheral Component Interconnect Environments
United States of America	28 May 1999	09/322952		20 Aug 2002	6438628	A System And Method For Data Pacing
United States of America	03 Nov 1997	08/963403		20 Aug 2002	6438684	Push Button Shutdown And Reset Of Embedded Systems
United States of America	30 Oct 1998	09/183449		20 Aug 2002	6438695	Secure Wiretap Support For Internet Protocol Security
United States of America	09 Nov 1999	09/436350		20 Aug 2002	6438717	High Speed Parallel Bit Error Rate Tester
United States of America	13 Oct 2000	09/687178		27 Aug 2002	6439900	Sliding Connector Interface With Non-Metallic Contacts
United States of America	04 Jan 1999	09/225261		27 Aug 2002	6442140	Method for Automatic Setup of Missing RM Cell Count Parameter CRM In an ATM Traffic Management Descriptor
United States of America	31 Aug 1998	09/143803		27 Aug 2002	6442141	Network Delay And Loss Simulator
United States of America	27 May 1998	09/085736		27 Aug 2002	6442158	Method And System For Quality Of Service Based Data Forwarding In A Data Over Cable System
United States of America	21 Nov 2000	09/718170		27 Aug 2002	6442603	Methods for Ordered Delivery of Electronic Content
United States of America	08 Jan 2002	09/282311		27 Aug 2002	6442617	Imperfect Filtering Of Multicast Packets

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United States of America	10 May 2000	09/568775		27 Aug 2002	6442747	Method Of Synthesizing A Cyclic Redundancy Code Generator Circuit Using Hardware Description Language
United States of America	20 Sep 2000	09/665492		03 Sep 2002	6445577	Case With Communication Module Having A Double Pin Hinge For A Handheld Computer System
United States of America	27 May 1998	09/085341		03 Sep 2002	6445680	Linked List Based Least Recently Used Arbiter
United States of America	30 Nov 1999	09/451388		03 Sep 2002	6446127	System and Method for Providing User Mobility Services on a Telephony Network
United States of America	28 Feb 2001	09/795505		10 Sep 2002	6447306	PC CARD CONFIGURATION
United States of America	29 Feb 2000	09/515799		10 Sep 2002	6448672	Intelligent Power Supply Control For Electronic Systems Requiring Multiple Voltages
United States of America	24 Nov 1998	09/199030		10 Sep 2002	6449291	Method And Apparatus For Time Synchronization In A Communication System
United States of America	28 May 1997	08/865015		10 Sep 2002	6449348	Power Transfer Apparatus For Use By Network Devices Including Telephone Equipment
United States of America	26 Feb 1998	09/031265		17 Sep 2002	6452938	System and Method To reduce Electromagnetic Interference emissions in A Network Interface
United States of America	25 Feb 1999	09/257813		17 Sep 2002	6453024	Graphical Software For Reconfiguring Modems Having An Electrically Adaptable Telephone Line Interface
United States of America	10 Sep 2001	09/949782		24 Sep 2002	6454611	Surface Mountable Electrical Connector System
United States of America	30 Oct 2000	09/702237		24 Sep 2002	6456496	Type III PCCard System With Full Wall Modular Extendable RJ45/11 Connector
United States of America	31 Oct 2000	09/703514		24 Sep 2002	6456504	Surface mounted Grouping Clip For Shielded Enclosures
United States of America	28 Apr 1999	09/300882		24 Sep 2002	6456600	Complex Node Representation in An Asynchronous Transfer Mode PNNI Network
United States of America	28 May 1999	09/321957		24 Sep 2002	6456665	Partial Modification Of A Nominal Impedance using Digital Impedance Synthesis
United States of America	12 May 1999	09/310469		24 Sep 2002	6457055	Improved Method And Device For Connecting Ethernet Network Devices At Desired Settings
United States of America	28 May 1999	09/322815		24 Sep 2002	6457137	A Method For Configuring Clock Ratios In A Microprocessor
United States of America	27 Apr 2001	09/845078		01 Oct 2002	6457992	Visual Feedback System For Electronic Device
United States of America	26 Apr 2001	09/842937		01 Oct 2002	6457994	MULTIFUNCTION RETRACTABLE CONNECTOR
United States of America	17 May 2001	09/859903		08 Oct 2002	6461170	Stacked Electronic Integrated Card Assembly with Multi-Function Shared Interface
United States of America	17 Aug 1998	09/136104		08 Oct 2002	6463071	Method And System To Communicate Prioritized Traffic Via Fixed Length Data Communication Frames
United States of America	18 Jan 2000	09/484647		08 Oct 2002	6463475	Method And Device For Tunnel Switching
United States of America	28 Apr 1999	09/300885		15 Oct 2002	6466343	System For Assigning Wavelengths In A Wave Division Multiplexing Based Optical Switch
United States of America	02 Sep 1999	09/388754		15 Oct 2002	6466957	Reduced Computation System For Wavelet Transforms
United States of America	19 Oct 1999	09/421780		15 Oct 2002	6467002	Single Cycle Modified Round-Robin Arbitration With Embedded Priority
United States of America	20 Jan 2000	09/488044		22 Oct 2002	6469568	Method and Apparatus for Connection to a Rotatable Antenna
United States of America	12 Oct 1999	09/416247		22 Oct 2002	6469681	Removable Antenna For Connection To Miniature Modular Jacks

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	19 May 1999	09/315212		22 Oct 2002	6470022	Method Of Distributing Network Resources Fairly Between Users In An Asynchronous Transfer Mode Network
United States of America	26 May 1999	09/320377		22 Oct 2002	6470382	Method To Dynamically Attach, Manage, And Access A LAN Attached SCSI and NETSCSI Devices
United States of America	05 Apr 2000	09/542348		29 Oct 2002	6473076	Apparatus And Method For Controlling The Power Of A Handheld Computing Device Using A Stylus
United States of America	19 May 1999	09/315213		29 Oct 2002	6473408	Building A Hierarchy In An Asynchronous Transfer Mode PNNI Network Utilizing Proxy Svcc-based RCC Entities
United States of America	01 May 2000	09/562821		29 Oct 2002	6473552	Apparatus and Method for Signaling Using a Light Pipe Stylus
United States of America	12 Oct 1999	09/415964		05 Nov 2002	6475003	Physically Independent Connector for Retractable and Removable Extensions in Thin-Profile Electronic Devices
United States of America	02 Feb 2001	09/776031		05 Nov 2002	6477044	Flow Guide
United States of America	04 Jan 1999	09/225246		12 Nov 2002	6480891	Embedded Code Memory Size Reduction in Asynchronous Mode Transfer Devices
United States of America	30 Aug 2000	09/650540		19 Nov 2002	6481681	Clip Apparatus For A Laptop Computer
United States of America	13 Oct 2000	09/687016		19 Nov 2002	6482019	Retracting Modular Jack For Portable Appliance Connections
United States of America	08 Jun 2000	09/590565		19 Nov 2002	6483203	Integrate Signal Isolation and Power Transformer
United States of America	20 Mar 2000	09/528330		19 Nov 2002	6483712	Illuminating Electrical Jack System
United States of America	28 Apr 1999	09/300883		19 Nov 2002	6483808	Method Of Optimizing Routing Decisions Over Multiple Parameters Utilizing Fuzzy Logic
United States of America	30 Sep 1998	09/164144		19 Nov 2002	6483869	Frequency Decimated DMT Modulation Modem
United States of America	14 Sep 2000	09/662114		26 Nov 2002	6486450	Method and Apparatus for Inducing Locally Elevated Temperatures in an Application Specific Integrated Circuit
United States of America	27 Sep 2000	09/671380		26 Nov 2002	6486650	FREQUENCY LOCKED LOOP SPEED UP
United States of America	16 Jan 2001	09/764906		26 Nov 2002	6486810	Method and Apparatus For Continuously Variable Slope Delta Modulation Coding of Signals
United States of America	13 Oct 1998	09/170964		26 Nov 2002	6486994	MULTI DIRECTIONAL INFRARED PORT AND METHODS OF USING SAME
United States of America	27 May 1999	09/322130		26 Nov 2002	6487168	Static Switched Virtual Circuits In A Connection Oriented Network
United States of America	19 May 1999	09/315214		26 Nov 2002	6487171	Crossbar Switching Matrix With Broadcast Buffering
United States of America	29 May 1998	09/093838		26 Nov 2002	6487196	System and Method For Simulating Telephone Use In A Network Telephone System
United States of America	24 May 1999	09/316978		26 Nov 2002	6487206	Methods And Apparatus For Adjusting The Local Service Policy Within An ATM Switch Based On Non-ATM Protocol Service Parameters
United States of America	19 Oct 2000	09/692499		26 Nov 2002	6487603	Method And Apparatus For Real Time Communication Over Packet Networks
United States of America	06 Nov 2000	09/707567		26 Nov 2002	6487690	Forward Error Correction System For Packet Based Real Time Media
United States of America	27 Sep 2001	09/966150		03 Dec 2002	6488543	Modular Jack For Type III PCMCIA Cards
United States of America	15 Nov 1999	09/439399		03 Dec 2002	6489937	Led Matrix Control System
United States of America	04 May 1999	09/304392		03 Dec 2002	6490295	A High Speed Modem Operating Over Two or More Telephone Lines

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United States of America	04 Oct 2000	09/680548		03 Dec 2002	6490439	LIGHTED ANTENNA FOR TRANSCEIVER DEVICE
United States of America	18 Mar 1999	09/272082		03 Dec 2002	6490632	High Performance Load Balancing And Fail Over Support Of Internet Protocol Exchange Traffic Over Multiple Network Interface Cards
United States of America	08 Sep 1999	09/392096		10 Dec 2002	6493345	Single Sender Private Multicast Server For Use With LAN Emulation In Asynchronous Transfer Mode Networks
United States of America	14 Feb 2001	09/782249		10 Dec 2002	6493436	SYSTEM FOR CORRECTING FAILURES OF MUSIC ON TRANSFER
United States of America	24 Feb 1999	09/256153		10 Dec 2002	6493751	Network Configuration Method and System for a Window-Based Operating System Environment
United States of America	10 Oct 2001	09/974237		17 Dec 2002	6496105	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires
United States of America	14 Jul 1999	09/352888		17 Dec 2002	6496478	Method And Apparatus For Controlling Traffic Queues In Network Switches
United States of America	27 Aug 1999	09/384120		17 Dec 2002	6496867	Method For Initiating A Tunneling Association In A Data Network
United States of America	06 May 1999	09/305954		24 Dec 2002	6498820	Low Complexity Frequency Estimator And Interface Cancellation Method And Device
United States of America	29 Jan 1999	09/239229		31 Dec 2002	6501802	Digital Silence For A PCM Data Communication System
United States of America	31 May 2000	09/584459		14 Jan 2003	6507303	Direct Digital Conversion of Baseband Signals To Super-Nyquist Frequencies
United States of America	27 May 1998	09/085653		14 Jan 2003	6507585	Multi Carrier LAN Adapter Device Using Frequency Domain Equalizer
United States of America	08 Sep 2000	09/657500		21 Jan 2003	6509876	Antenna For Wireless Communication System
United States of America	27 May 1998	09/090593		21 Jan 2003	6510162	System and Method For Managing Channel Usage In A Data Over Cable System
United States of America	18 Mar 1999	09/272085		28 Jan 2003	6512774	Fail Over With Multiple Network Interface Cards
United States of America	30 Nov 1999	09/451485		28 Jan 2003	6513128	Method And Apparatus For Using NIC Resources Without Main Power
United States of America	13 May 1999	09/312068		11 Feb 2003	6516952	Dual Mode Serializer Deserializer For Data Networks
United States of America	29 Sep 1998	09/162665		18 Feb 2003	6522656	Distributed Processing Ethernet Switch With Adaptive Cut Through Switching
United States of America	27 Aug 1999	09/385118		18 Feb 2003	6523068	Method For Processing A Media Flow At An End Of A Tunneling Association
United States of America	25 Jul 2000	09/624940		25 Feb 2003	6524122	Retractable Connector For Use With Electronic Devices
United States of America	20 Sep 2000	09/665390		25 Feb 2003	6525928	Case With communication Module Having A latching Connector For A Handheld Computer System
United States of America	27 Apr 1999	09/300537		25 Feb 2003	6526446	Hardware Only Transmission Control Protocol Segmentation For a High Performance Network Interface Card
United States of America	29 May 1998	09/086814		04 Mar 2003	6529501	Method And Apparatus For Internet Telephony
United States of America	20 May 1999	09/314990		04 Mar 2003	6529589	Method And System For Monitoring And Controlling Automation Equipment By Modem
United States of America	29 Mar 1999	09/280331		04 Mar 2003	6529743	Universal Wireless Telephone To Modem Adapter
United States of America	09 May 2000	09/568098		04 Mar 2003	6529965	Method of Detecting TCP / IP Bindings of Installed Network Interface Cards Present In A Computer System
United States of America	26 Jan 1999	09/238651		04 Mar 2003	6529986	Interrupt Optimization Using Storage Time For Peripheral Component Events

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	27 May 1999	09/321185		04 Mar 2003	6530057	High Speed Generation And Checking Of Cyclic Redundancy Check Values
United States of America	14 Aug 2000	09/638538		11 Mar 2003	6531985	Integrated Laptop Antenna Using Two or More Antennas
United States of America	16 Feb 1999	09/250713		11 Mar 2003	6532237	Apparatus For And Method Of Testing A Hierarchical PNNI Based ATM Network
United States of America	18 Feb 2000	09/507358		11 Mar 2003	6532503	Method and Apparatus To Detect Lost Buffers With A Descriptor Based Queue
United States of America	07 Jul 2000	09/611763		18 Mar 2003	6535486	Method And Apparatus For Adaptive Prioritization Of Multiple Information Types In Highly Congested Communication Devices
United States of America	22 Apr 1999	09/296996		18 Mar 2003	6535490	High Availability Spanning Tree With Rapid Reconfiguration With Alternate Port Selection
United States of America	29 Jun 1999	09/343147		18 Mar 2003	6535521	Distributed Speech Coder Pool System With Front-End Idle Mode Processing For Voice-Over-IP Communications
United States of America	14 Jul 2000	09/616867		18 Mar 2003	6535831	Method for Sourcing Three Level Data From a Two Level Tester Pin Faster Than The Maximum Rate of A Tester
United States of America	08 Nov 1999	09/435722		18 Mar 2003	6535983	Method For Signaling and Detecting Request For Power Over Ethernet
United States of America	25 May 1999	09/318533		25 Mar 2003	6538985	Channel Reservation Media Access Control Protocol Using Orthogonal Frequency Division Multiplexing
United States of America	24 Jun 1998	09/103789		25 Mar 2003	6538997	Layer 2 Trace Method And Node
United States of America	24 May 1999	09/317786		25 Mar 2003	6539019	Methods And Apparatus For Automatically Connecting A Dynamic Host Configuration Protocol (DHCP) Client Network Device To A Virtual Local Area Network (VLAN)
United States of America	09 Jun 2000	09/591045		25 Mar 2003	6539338	Self Diagnostic Testing Of A Network Interface Adapter
United States of America	06 Nov 2000	09/706947		25 Mar 2003	6539341	Method And Apparatus For Log Information Management And Reporting
United States of America	24 May 1999	09/316977		25 Mar 2003	6539540	Methods And Apparatus For Optimizing Simple Network Management Protocol (SNMP) Requests
United States of America	31 Oct 2000	09/703203		01 Apr 2003	6542358	Retractable Platform With Wireless Electrical Interface
United States of America	28 May 1999	09/322575		01 Apr 2003	6542465	Method For Flow Control In Asymmetric Digital Subscriber Line Devices
United States of America	26 May 1999	09/320823		01 Apr 2003	6542470	Packet Expansion With Preservation Of Original Cyclic Redundancy Code Check Indication
United States of America	28 May 1999	09/322845		01 Apr 2003	6542504	Profile Based Method For Packet Header Compression In A Point To Point Link
United States of America	28 Sep 2000	09/671121		01 Apr 2003	6543027	On-Chip Detector of Clock Glitches
United States of America	08 Sep 2000	09/658140		08 Apr 2003	6545643	Extendable Planar Diversity Antenna
United States of America	14 Oct 1999	09/418107		08 Apr 2003	6546015	LAN Emulation Broadcast And Unknown Server
United States of America	28 May 1999	09/321992		08 Apr 2003	6546056	Timing Recovery Method for Discrete Multitone Modems
United States of America	16 Feb 2000	09/505094		08 Apr 2003	6546496	Network Interface With Power Conservation Using Dynamic Clock Control
United States of America	23 Aug 2001	09/935856		15 Apr 2003	6547602	Modular Plug Receptacles Defined By Multiple Electronic Components
United States of America	13 Jun 2001	09/879065		22 Apr 2003	6552590	Clocking Scheme for ASIC
United States of America	18 Feb 1999	09/252273		22 Apr 2003	6553001	A Technique For Use In Conjunction With An ISDN Terminal Adapter For Expediently and Automatically Performing ISDN Switch Type Detection and SPID Configuration

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	30 Nov 1999	09/451636		22 Apr 2003	6553441	Method And Apparatus For Using Serial Bus For PC Management
United States of America	01 Mar 2001	09/797202		22 Apr 2003	6553448	A METHOD FOR UNIT DISTANCE ENCODING OF ASYNCHRONOUS POINTERS FOR NON-POWER-OF-TWO SIZED BUFFERS
United States of America	29 Sep 1999	09/407337		22 Apr 2003	6553568	Methods And System For Service Level Agreement Enforcement On A Data-Over-Cable System
United States of America	21 Sep 1999	09/400330		29 Apr 2003	6556579	Method and Apparatus of Detecting Duplicate Buffers in A Descriptor Based Queue
United States of America	16 Dec 1999	09/465984		29 Apr 2003	6556580	Multi-Function Transm Packet Buffer
United States of America	28 May 1999	09/322953		29 Apr 2003	6557108	System And Method in A Modem For Providing A Shortened Reset Pulse Upon Receipt Of An External Reset Pulse
United States of America	29 Jun 1999	09/342888		06 May 2003	6560197	Distributed xDSL Modem Pool With Front-End Idle Mode Processing
United States of America	27 May 1998	09/085905		06 May 2003	6560203	Method For Changing Type of Service in A Data Over cable System
United States of America	15 Jul 1999	09/353411		06 May 2003	6560237	Packet Order Assurance Mechanism
United States of America	04 May 1999	09/304756		06 May 2003	6560293	Apparatus and Method for FM Remodulation of Envelope Modulated Data Signals
United States of America	28 Sep 1999	09/407829		06 May 2003	6560331	System And Method For Precise DTMF Signal Detection
United States of America	18 Mar 1999	09/272695		06 May 2003	6560630	Receive Load Balancing And Fail Over With Multiple Network Interface Cards
United States of America	30 Apr 1999	09/302518		06 May 2003	6560709	Method And Apparatus For The Transfer Of Sensitive Card Data Over An Unsecure Computer Network
United States of America	02 Dec 1999	09/454676		06 May 2003	6560714	Power Management For A Peripheral Component Interconnect Environment With Auxiliary Power
United States of America	19 Jul 1999	09/357017		13 May 2003	6561824	Media Connector Interface For Electrical Apparatus
United States of America	20 Apr 1999	09/295155		13 May 2003	6563824	Methods and Apparatus For Determining The Correct Workstation Within A LAN For A LAN Modem To Route A Packet
United States of America	28 Mar 2000	09/537038		13 May 2003	6563830	Multicast Registration Of All Multicast Flows in An Asynchronous Transfer Mode Based Emulated LAN
United States of America	02 Dec 1999	09/454468		13 May 2003	6564333	Power Management For Remote Wakeup With Multiple Power Sources
United States of America	18 Mar 1999	09/272084		20 May 2003	6567377	High Performance Load Balancing of Outbound Internet Protocol Traffic Over Multiple Network Interface Cards
United States of America	05 May 1999	09/305870		20 May 2003	6567399	Hi-Fidelity Line Card
United States of America	04 Feb 2002	10/067006		20 May 2003	6567405	Method And Protocol For Distributed Network Access Translation
United States of America	29 May 1998	09/087153		20 May 2003	6567463	Method And System For Detecting Analog And ADPCM Links in A Communications Channel
United States of America	26 May 1999	09/320485		20 May 2003	6567472	System And Method For Terminating A Line By Reflecting A Scaled Impedance
United States of America	17 Feb 1999	09/251174		20 May 2003	6567520	Method and Apparatus For Detecting Multiple Telephone Off-Hook Conditions
United States of America	27 Apr 1999	09/300296		20 May 2003	6567859	A Device For Translating Medium Access Control Dependent Descriptors For A High Performance Network Interface Card
United States of America	14 Jul 1999	09/353609		27 May 2003	6570848	System And Method For Congestion Control in Packet-based Communication Networks

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	21 Jan 1999	09/234534		27 May 2003	6570881	High-Speed Trunk Cluster Reliable Load Sharing System Using Temporary Port Down
United States of America	05 Nov 1999	09/434253		27 May 2003	6570884	Receive Filtering For Communication Interface
United States of America	26 Mar 2002	10/108098		03 Jun 2003	6572156	Locking Mechanism For An Enclosure
United States of America	08 Feb 2001	09/779142		03 Jun 2003	6572384	Method and Apparatus for Interconnecting Circuit Cards
United States of America	28 Aug 2000	09/649188		03 Jun 2003	6573729	Systems and Methods For Impedance Synthesis
United States of America	28 Feb 2001	09/795168		03 Jun 2003	6573868	RETRACTABLE ANTENNA FOR ELECTRONIC DEVICES
United States of America	31 May 2000	09/584928		03 Jun 2003	6574110	Stackable Slide Mount System For Modem Devices
United States of America	26 May 1999	09/320855		03 Jun 2003	6574232	Crossbar Switch Utilizing Broadcast Buffer And Associated Broadcast Buffer Management Unit
United States of America	08 Jan 2001	09/756088		03 Jun 2003	6574414	Light Transmission Apparatus And Method
United States of America	26 Jan 1999	09/238652		03 Jun 2003	6574694	Interrupt Optimization Using Time Between Succeeding Peripheral Component Events
United States of America	28 Feb 2001	09/795506		10 Jun 2003	6577500	WIRELESS PC CARD
United States of America	27 Sep 1999	09/406128		10 Jun 2003	6577622	System And Method For Using A Portable Information Device To Establish A Conference Call On A Telephony Network
United States of America	15 Jan 1999	09/232762		10 Jun 2003	6577642	Method and System for Virtual Network Administration With A Data-Over-Cable System
United States of America	28 Apr 1999	09/300884		10 Jun 2003	6577653	An Apparatus For And Method Of Establishing A Route Utilizing Multiple Parallel Segments In An Asynchronous Transfer Mode Network
United States of America	17 Jun 1999	09/342160		10 Jun 2003	6577683	Improved Method And Device For Generating Signal Constellations In PCM Space For High Speed Data Communications
United States of America	17 Oct 2001	09/981201		17 Jun 2003	6579108	Retractable Jack
United States of America	24 May 1999	09/316973		17 Jun 2003	6580693	Methods And Apparatus For Detecting Leaks In ATM Networks
United States of America	21 Sep 1999	09/400424		17 Jun 2003	6580697	Advanced Ethernet Auto Negotiation
United States of America	24 Jan 2000	09/489767		17 Jun 2003	6581081	Adaptive Size Filter For Efficient Computation of Wavelet Packet Trees
United States of America	26 Apr 1999	09/299447		17 Jun 2003	6581157	System And Method For Detecting And Updating A Non-Volatile Memory On An Electronic Adapter Board Installed In A Computing System
United States of America	22 Dec 1999	09/470879		24 Jun 2003	6584490	System And Method For Providing Call-handling Services On A Data/Network Telephone System
United States of America	30 Oct 2001	09/984626		01 Jul 2003	6587383	DRAM Refresh Command Operation
United States of America	28 May 1998	09/086103		01 Jul 2003	6587454	Power Transfer Apparatus for Use by Network devices Including Telephone Equipment
United States of America	03 Nov 1999	09/433536		01 Jul 2003	6587467	Virtual Channel Multicast Utilizing virtual Path Tunneling in Asynchronous Mode Transfer Networks
United States of America	18 Mar 1999	09/272083		08 Jul 2003	6590861	Combining Virtual Local Area Networks and Load Balancing With Fault Tolerance in a High Performance Protocol
United States of America	15 Mar 2001	09/809559		08 Jul 2003	6590972	DTMF Detection Based on LPC Coefficients
United States of America	12 May 2000	09/569950		08 Jul 2003	6591317	Queue Incorporating A Duplicate Counter Per Entry

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	14 Jul 1999	09/369323		15 Jul 2003	6594231	Method And Apparatus For Configuration Of Stackable Units In Packet-Based Communication Systems
United States of America	28 Apr 1999	09/300854		15 Jul 2003	6594235	A Method Of Triggering Reroutes In An Asynchronous Transfer Mode Network
United States of America	14 Jul 1999	09/353148		15 Jul 2003	6594270	Queue Pointers For Packet Aging
United States of America	23 Nov 1999	09/447281		15 Jul 2003	6594272	Simple Wireless Network With Store And Forward Methods, Incorporating Anti-Looping Codes
United States of America	30 Nov 1998	09/203184		15 Jul 2003	6594283	Network Communication Device
United States of America	08 Feb 2000	09/499877		15 Jul 2003	6594696	Network Management Apparatus and Method Employing "Object Tips" for the Display of Detailed Data
United States of America	15 Sep 1999	09/397388		15 Jul 2003	6594707	Smart Communication Agent
United States of America	02 Oct 2000	09/679056		22 Jul 2003	6597151	A PORTABLE AUXILIARY POWER SOURCE FOR EXTENDED USE AND RECHARGING OF PERSONAL DIGITAL ASSISTANT
United States of America	17 May 2002	10/150034		29 Jul 2003	6599152	Contact Pin Design For A Modular Jack
United States of America	03 Aug 1999	09/365828		29 Jul 2003	6600755	Link Technology Detection In Multiple Speed Physical Links
United States of America	15 Mar 2000	09/525965		29 Jul 2003	6601101	Transparent Access To Network Attached Devices
United States of America	14 Apr 2000	09/549873		29 Jul 2003	6601180	A Method and System for Providing Link Detection To A PC Card for Power Management
United States of America	07 Jun 2002	10/165018		05 Aug 2003	6603299	FREQUENCY LOCKED LOOP SPEED UP
United States of America	12 Aug 1999	09/373231		05 Aug 2003	6603741	Monitoring Of Connection Between Network Devices In A Packet-based Communication System
United States of America	29 May 1998	09/087835		05 Aug 2003	6603811	Low Complexity Frequency Domain Equalizer Having Fast Re Lock
United States of America	29 Dec 1999	09/474675		12 Aug 2003	6606921	Method Of Establishing MPOA Shortcut Virtual Channel Connections
United States of America	10 Aug 1999	09/371618		12 Aug 2003	6606327	A Method To Dynamically Adjust The Maximum Back Off Time Of An Ethernet Controller In A Half Duplex Network
United States of America	29 Oct 2001	10/075103		12 Aug 2003	6606709	Secure System For Remote Management And Wake-up Commands
United States of America	15 Jan 1999	09/232105		19 Aug 2003	6608812	Trunk Arrangement In A Computer Network With Intra Trunk Switch Connections
United States of America	26 May 1999	09/320258		19 Aug 2003	6608864	Method And Apparatus For Fault Recovery In A Decision Feedback Equalizer
United States of America	22 Apr 1999	09/296192		19 Aug 2003	6609197	Method And System For Secure Emergency Access To Network Devices
United States of America	15 Jan 1999	09/232742		26 Aug 2003	6611502	Improved Spanning Tree With Rapid Propagation Of Topology Changes
United States of America	31 Aug 1999	09/386482		26 Aug 2003	6611520	Inhibition Of Underrun In Network Switches And The Like For Packet-Based Communication Systems
United States of America	07 Oct 1999	09/413917		26 Aug 2003	6611525	Apparatus For And Method Of Learning MAC Addresses In A LAN Emulation Network
United States of America	27 May 1999	09/321469		26 Aug 2003	6611538	Data Transmission Synchronization System
United States of America	30 Mar 2000	09/539201		26 Aug 2003	6611580	Method and System for Adaptively Adjusting Modem Operating Characteristics
United States of America	21 May 1999	09/316420		26 Aug 2003	6611868	Method And System For Automatic Link Hang Up

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	17 Dec 2001	10/023009		02 Sep 2003	6612856	Apparatus and Methods for Preventing Cable-Discharge Damage to Electronic Equipment
United States of America	19 Jun 2001	09/884543		02 Sep 2003	6612874	Rotating Connector Adapter With Strain Relief
United States of America	08 Nov 2000	09/709166		02 Sep 2003	6614350	METHOD AND SYSTEM FOR EFFECTING A SECURITY SYSTEM UPON MULTIPLE PORTABLE INFORMATION DEVICES
United States of America	20 Aug 1999	09/379141		02 Sep 2003	6614756	Method Of Detecting And Recovering From Signaling Congestion In An Asynchronous Transfer Mode Network
United States of America	23 Nov 1998	09/198170		02 Sep 2003	6614757	A Method Of Local Flow Control In An Asynchronous Transfer Mode Network Utilizing PNNI Routing Protocol
United States of America	30 Mar 1999	09/283027		02 Sep 2003	6614787	System and Method for Efficiently Handling Multicast Packets by Aggregating VLAN Context
United States of America	27 May 1999	09/322063		02 Sep 2003	6614792	Proxy MPC For Providing MPOA Services To Legacy LANE Clients In An Asynchronous Transfer Mode Network
United States of America	29 Feb 2000	09/515307		02 Sep 2003	6614809	Method and Apparatus for Tunneling Across Multiple Network of Different Types
United States of America	07 Jun 2002	10/164254		09 Sep 2003	6617837	FREQUENCY LOCKED LOOP SPEED UP
United States of America	23 Jul 2001	09/911166		09 Sep 2003	6618013	Retractable Antenna System
United States of America	26 Aug 1998	09/140363		09 Sep 2003	6618393	Method And Apparatus For Transparent Support Of Network Protocols With Header Translation
United States of America	27 May 1999	09/321448		09 Sep 2003	6618395	Physical Coding Sub-layer For Transmission Of Data Over Multi-channel Media
United States of America	02 Nov 2001	10/001103		16 Sep 2003	6621714	APPARATUS AND METHOD FOR HARNESSING OPTICAL FIBER TO A CIRCUIT BOARD
United States of America	30 Dec 1999	09/475896		16 Sep 2003	6621790	Link Aggregation Repeater Process
United States of America	24 Apr 2000	09/558413		16 Sep 2003	6622018	Portable Device Control Console With Wireless Connection
United States of America	04 Oct 2000	09/684161		16 Sep 2003	6622031	ANTENNA FUP-UP ON REMOVAL OF STYLUS FOR HANDHELD DEVICE
United States of America	17 Mar 1999	09/270968		23 Sep 2003	6625119	Method And System For Facilitating Increased Call Traffic by Switching To A Low Bandwidth Encoder In An Emergency Mode
United States of America	18 Nov 1999	09/444353		23 Sep 2003	6625148	Self Routing Interconnect Cross-Switch
United States of America	25 Sep 2000	09/668301		23 Sep 2003	6625684	Application Specific Integrated Circuit with Dual-Mode System for Externally Accessible Data Buses and Visibility Buses
United States of America	24 May 1999	09/317692		30 Sep 2003	6628623	Methods And Systems For Determining Switch Connection Topology On Ethernet Lanes
United States of America	05 Jan 2001	09/755927		30 Sep 2003	6628754	METHOD FOR RAPID NOISE REDUCTION FROM AN ASYMMETRIC DIGITAL SUBSCRIBER LINE MODEM
United States of America	02 Jul 2001	09/897266		14 Oct 2003	6633230	Apparatus and Method for Providing Improved Stress Thresholds in Network Management Systems
United States of America	30 May 2000	09/580709		14 Oct 2003	6633277	Compact 3-state Data Entry Device
United States of America	29 Dec 1999	09/474586		14 Oct 2003	6633542	Method Of Establishing A Flow In An ATM Based MPOA Network
United States of America	29 Jun 1999	09/342465		14 Oct 2003	6633565	Apparatus For And Method Of Flow Switching In A Data Communications Network
United States of America	21 May 1999	09/316516		14 Oct 2003	6633617	Device And Method For Compensation Or Creating Doppler Effect Using Digital Signal Processing

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	05 Jan 2001	09/755765		14 Oct 2003	6633628	Apparatus and Method for Selecting A Supported Signal Path For A Transceiver
United States of America	14 Sep 2000	09/661044		21 Oct 2003	6636092	digital receive phase lock loop with cumulative phase error correction
United States of America	14 May 1998	09/079323		21 Oct 2003	6636485	Method And System For Providing Quality Of Service In A Data Over Cable System
United States of America	28 May 1999	09/322515		21 Oct 2003	6636505	Method For Service Provisioning a Broadband Modem
United States of America	25 Jan 2000	09/490750		28 Oct 2003	6639901	Apparatus For and Method Of Supporting 802.1Q VLAN Tagging With Independent VLAN Learning In LAN Emulation Networks
United States of America	20 Dec 1999	09/467724		28 Oct 2003	6640262	Method And Apparatus For Automatically Configuring A Configurable Integrated Circuit
United States of America	21 Aug 2001	09/933654		04 Nov 2003	6642801	Oscillator Using Virtual Stages For Multi-Gigabit Clock Recovery
United States of America	12 Nov 1999	09/438238		04 Nov 2003	6643259	Method for Optimizing Data Transfer in a Data Network
United States of America	10 May 2000	09/569506		04 Nov 2003	6643265	Apparatus For And Method Of Releasing Stuck Virtual Circuits In An Asynchronous Transfer Mode Network
United States of America	30 Apr 1999	09/303320		04 Nov 2003	6643271	Adjustable Gain Transmit cancellation in a Full-Duplex Modem Data Access Arrangement (DAA)
United States of America	29 Dec 1999	09/474687		04 Nov 2003	6643289	Method Of MPOA Status Change Notification
United States of America	13 Feb 2002	10/074780		04 Nov 2003	6643340	Carrier Phase Derived Symbol Timing
United States of America	27 May 1998	09/085278		04 Nov 2003	6643358	Telephone Answering Apparatus And Method For Confirming An Acoustic Command Signal
United States of America	17 Sep 1999	09/398351		04 Nov 2003	6643710	Architecture To Fragment Transmitted TCP Packets To A Requested Window Size
United States of America	18 Jan 2001	09/765895		11 Nov 2003	6646635	Stylus apparatus and method for transmitting light
United States of America	17 Mar 2000	09/528415		11 Nov 2003	6646656	Graphical Representation of the Connections between Network devices and Their configuration
United States of America	27 Feb 2001	09/794515		18 Nov 2003	6650546	CHIP COMPONENT ASSEMBLY
United States of America	07 Apr 1999	09/288066		18 Nov 2003	6650658	Controlled Aliasing to Simplify Service Selection
United States of America	27 Jul 1999	09/361699		18 Nov 2003	6650712	Low Complexity Method and Apparatus for FSK Signal Reception
United States of America	29 Feb 2000	09/515366		18 Nov 2003	6650901	System and Method For Providing Local Information in a Data Network Telephony System
United States of America	29 Feb 2000	09/515562		18 Nov 2003	6651178	Communication Module Having Power Supply Requirement Identification
United States of America	25 Feb 1999	09/257326		25 Nov 2003	6654366	Use Of Virtual Gateway In H.323 System
United States of America	21 May 1999	09/316614		25 Nov 2003	6654387	Method For Network Address Table Maintenance In A Data-Over-Cable System Using A Network Device Registration Procedure
United States of America	14 Sep 1999	09/395633		25 Nov 2003	6654461	Synthesized Telephone Line Ring Signal Impedance Termination
United States of America	28 May 1999	09/322572		25 Nov 2003	6654463	Round Trip Delay Estimator And Compensator For The Echo Canceller
United States of America	28 Feb 2000	09/514108		25 Nov 2003	6654792	Method and Architecture for Logical Aggregation of Multiple Servers
United States of America	21 Dec 1998	09/218793		02 Dec 2003	6657991	Method and System for Provisioning Network Addresses in a Data-Over-cable System

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United States of America	09 Sep 2002	10/238944		02 Dec 2003	6658098	Power Transfer Apparatus for Use by Network devices Including Telephone Equipment
United States of America	29 Nov 2000	09/075307		02 Dec 2003	6658537	DMA Driven Processor Cache
United States of America	06 Aug 1999	09/369326		09 Dec 2003	6661790	Packet Multicasting in A Ring Architecture
United States of America	30 Dec 1999	09/475310		09 Dec 2003	6661803	Network Switch Including Bandwidth Controller
United States of America	12 Jun 2001	09/879754		09 Dec 2003	6661880	Method for Embedding Digital Information Into the Dial-Tone Signal in a PBX Environment
United States of America	02 Aug 2002	10/211754		09 Dec 2003	6662119	Method And Apparatus For Monitoring Connector Degradation
United States of America	09 Dec 1998	09/207781		09 Dec 2003	6662135	Method And Apparatus For Reflective Mixer Testing Of A Cable Modem
United States of America	01 Nov 2000	09/704076		09 Dec 2003	6662332	Self-synchronizing INTERLEAVER FOR BURST ERROR CORRECTION
United States of America	03 Dec 1999	09/453720		16 Dec 2003	6665275	Network Device Including Automatic Detection Of Duplex Mismatch
United States of America	13 Sep 2000	09/660976		16 Dec 2003	6665362	Digital Receive Phase Lock Loop With Phase-Directed Sample Selection
United States of America	04 Oct 2000	09/684746		16 Dec 2003	6665543	ANTENNA EXTRACTION ON REMOVAL OF STYLUS FOR HANDHELD DEVICE
United States of America	28 Dec 2000	09/752495		16 Dec 2003	6665748	A SPECIALIZED PCMCIA HOST ADAPTER FOR USE WITH LOW COST MICROPROCESSORS
United States of America	27 May 1999	09/321068		23 Dec 2003	6667983	A Scalable Priority Arbitrator For Arbitrating Between Multiple FIFO Entry Points Of A Network Interface Card
United States of America	29 Jan 2002	10/060429		06 Jan 2004	6674652	INTEGRATED SHIELD WRAP
United States of America	30 Dec 1999	09/475855		06 Jan 2004	6674743	Method and Apparatus for Providing Policy-Based Services for Internal Applications
United States of America	31 Dec 1998	09/223856		06 Jan 2004	6674745	Method and System for Mapping Phone Numbers to IP Addresses
United States of America	04 Feb 2000	09/498328		06 Jan 2004	6674794	System and method for sampling phase adjustment by an analog modem
United States of America	27 May 1999	09/321523		06 Jan 2004	6674810	Method And Apparatus For Reducing Peak to Average Power Ratio in A Discrete Multi Tone Signal
United States of America	18 Jun 2001	09/883892		06 Jan 2004	6674844	SYSTEM FOR PROVIDING MODEM ACCESS VIA AN IR INTERFACE IN A PBX
United States of America	14 Aug 1998	09/134496		06 Jan 2004	6675218	System For User Space Network Packet Modification
United States of America	11 Dec 2000	09/734796		06 Jan 2004	6675234	METHOD OF DETECTING TCP-IP BINDINGS OF INSTALLED NETWORK INTERFACE CARDS PRESENT IN A COMPUTER SYSTEM
United States of America	09 May 2000	09/568862		06 Jan 2004	6675308	Methods of Determining Whether A Network Interface Card Entry Within The System Registry Pertains To Physical Hardware or To A Virtual Device
United States of America	19 Feb 1999	09/252840		13 Jan 2004	6678250	Method and System for Monitoring and Management of the Performance of Real-Time Networks
United States of America	09 Nov 1999	09/436893		13 Jan 2004	6678277	EFFICIENT MEANS TO PROVIDE BACK PRESSURE WITHOUT HEAD OF LINE BLOCKING IN A VIRTUAL OUTPUT QUEUED FORWARDING SYSTEM
United States of America	03 Dec 1999	09/454783		13 Jan 2004	6678728	Method And Apparatus For Automatically Loading Device Status Information Into A Network Device
United States of America	13 Oct 1999	09/416939		20 Jan 2004	6680908	Network Switch Including Bandwidth Allocation Controller
United States of America	28 Jan 2003	10/352717		20 Jan 2004	6680917	Improved Spanning Tree With Rapid Propagation Of Topology Changes

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United States of America	09 Jun 2000	09/591579		20 Jan 2004	6681244	System and Method For Operating a Network Adapter When An Associated Network Computing System Is in a Low Power State
United States of America	05 May 2000	09/564792		27 Jan 2004	6683875	Network Switch Including Restriction of Source Address Look-Ups Based on Receive Queue Length
United States of America	09 Nov 1999	09/437592		27 Jan 2004	6683882	A Method And System For Directing Transmission Internetwork Packet Exchange Control Packets To Influence Reception Of IPX Data Packets
United States of America	12 Apr 2000	09/547759		27 Jan 2004	6684258	Stackable Network Unit Including Burst Transmission of Packets
United States of America	28 Jan 2000	09/493563		03 Feb 2004	6687751	Multi-point Link Aggregation Spoofing
United States of America	29 May 1999	09/322888		10 Feb 2004	6690666	Packet Modulation For DSL
United States of America	21 Jun 2000	09/598618		10 Feb 2004	6690721	METHOD FOR ASYMMETRIC DIGITAL SUBSCRIBER LINE MODEM RECOVERY FROM INSUFFICIENT TRANSMIT POWER
United States of America	07 Dec 1999	09/455841		10 Feb 2004	6691147	Method And Apparatus Supporting Network Communications
United States of America	22 Nov 1999	09/444554		10 Feb 2004	6691161	A Program Method And Apparatus Providing Elements For Interrogating Devices In A Network
United States of America	17 Mar 2000	09/527635		10 Feb 2004	6691256	Network Problem Indication
United States of America	30 Jun 2000	09/609096		17 Feb 2004	6693997	Host Computer Digital Signal Processing System For Communicating Over Voice Grade Telephone Channels
United States of America	09 Jun 2000	09/591568		17 Feb 2004	6694360	Multi-Mode Network Interface Having Loadable Software Images
United States of America	30 Mar 2000	09/539923		17 Feb 2004	6694369	Tag Echo Discovery Protocol To Detect Reachability Of Clients
United States of America	31 May 2000	09/584582		17 Feb 2004	6694388	Dynamic Queuing System Incorporating Multiple Queues Sharing A Single Memory
United States of America	27 Jan 2003	10/351709		24 Feb 2004	6697339	High Availability Spanning Tree With Rapid Reconfiguration With Alternate Port Selection
United States of America	19 Aug 1998	09/136484		24 Feb 2004	6697354	Method and System for Distributed Network Address Translation for Mobile Network Devices
United States of America	19 Sep 2000	09/665531		24 Feb 2004	6697464	System and Method For Interfacing A Modem's Digital Interface To A P8X Telephone
United States of America	10 Nov 1998	09/189964		24 Feb 2004	6697485	DATA SIGNAL ATTENUATOR AND SYSTEMS AND METHODS FOR USING SAME
United States of America	21 May 1999	09/316488		24 Feb 2004	6697862	Method For Using Host Configuration Messages To Maintain A Network Address Table In A Data-Over-Cable System
United States of America	30 May 2003	10/449636		02 Mar 2004	6700387	Systems and Methods For Impedance Synthesis
United States of America	04 May 1999	09/305133		02 Mar 2004	6700871	Increased Throughput Across Data Network Interface by Dropping Redundant Packets
United States of America	15 Mar 2000	09/526649		02 Mar 2004	6700895	Method and System for Computationally Efficient Calculation of Frame Loss Rates Over an Array of Virtual Buffers
United States of America	14 Sep 2000	09/661691		02 Mar 2004	6701140	digital receive phase lock loop with cumulative phase error correction and dynamically programmable correction rate
United States of America	22 Nov 1999	09/447096		02 Mar 2004	6701327	Merging Network Data Sets Comprising Data Acquired By Interrogation Of A Network
United States of America	09 May 2000	09/568195		02 Mar 2004	6701442	A Peripheral Device Power Management circuit For Wakeup Applications
United States of America	20 Dec 2002	10/327448		09 Mar 2004	6703954	Digital Direct Conversion Of Baseband Signals To Super-nyquist Frequencies

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	08 May 2000	09/566828		09 Mar 2004	6704016	Method And Apparatus For The Graphical Presentation Of Selected Data
United States of America	30 Jun 1999	09/345662		09 Mar 2004	6704282	VPN Tunnel Redirection
United States of America	07 Jan 2000	09/479501		09 Mar 2004	6704284	Management System And Method For Monitoring Stress In A Network
United States of America	22 Nov 1999	09/447090		09 Mar 2004	6704292	Use Of Remote Poll To Facilitate Determining Network Topology
United States of America	27 May 1998	09/085907		09 Mar 2004	6704317	Multi Carrier LAN Modem Server
United States of America	06 Apr 1999	09/287229		09 Mar 2004	6704325	Method To Recognize Streaming Memory Aligned And Non-Memory Aligned Data Patterns With Optimal Hardware Reuse
United States of America	27 May 1999	09/321314		16 Mar 2004	6707799	Dynamic Control Protocol For Frame Relay Fragmentation In Support Of Real Time Applications Such As VoIP and VoFR
United States of America	26 Oct 1999	09/426614		16 Mar 2004	6708219	Method and System for Dual-Network Address Utilization
United States of America	28 Oct 2002	10/281831		23 Mar 2004	6710704	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires
United States of America	15 Dec 1999	09/464527		23 Mar 2004	6711159	Load Balancing Among Media Gateways
United States of America	12 Apr 2000	09/547632		23 Mar 2004	6711162	Method and Apparatus for Providing Proxy Service, Route Selection, and Protocol Conversion for Service Endpoints Within Data Networks
United States of America	31 Aug 1999	09/386742		30 Mar 2004	6714558	System For Implementing Network Protocols Between Devices On A Printed Circuit Board
United States of America	27 May 1999	09/322120		06 Apr 2004	6717914	System For Probing Switched Virtual Circuits In A Connection Oriented Network
United States of America	23 Nov 1999	09/447280		06 Apr 2004	6717919	Imprinting Method For Automated Registration And Configuration Of Network Devices
United States of America	17 Aug 2000	09/641084		06 Apr 2004	6718346	Generating Summary Data For A Requested Time Period Having A Requested Start Time And End Time A Plurality Of Data Records
United States of America	29 Jun 2001	09/893659		06 Apr 2004	6718411	ASIC Architecture Including Data Aggregation Techniques
United States of America	17 May 2001	09/859867		06 Apr 2004	6718493	Method and Apparatus for Selection of ARQ Parameters and Estimation of Improved Communications
United States of America	18 Feb 1999	09/252128		13 Apr 2004	6721334	Method And Apparatus for Packet Aggregation In A Packet Based Network
United States of America	09 Dec 1999	09/458568		13 Apr 2004	6721394	Method for Reducing Noise from an Asymmetric Digital Subscriber Line Modem
United States of America	16 Jul 2003	10/621219		20 Apr 2004	6724637	APPARATUS AND METHOD FOR HARNESSING OPTICAL FIBER TO A CIRCUIT BOARD
United States of America	26 May 1999	09/320169		20 Apr 2004	6724723	Method Of Providing A Signaling Qualification Function In A Connection Oriented Network
United States of America	12 May 2000	09/570333		20 Apr 2004	6724736	Remote Echo Cancellation In A Packet Based Network
United States of America	01 Nov 1999	09/4931415		20 Apr 2004	6724889	Method And System For Line Status Indicators Using Line Side Power
United States of America	14 Jan 2000	09/483440		27 Apr 2004	6728309	A Method and Apparatus for High Speed Data Transmission Over a Four-Wire Subscriber Line
United States of America	07 Feb 2000	09/499504		27 Apr 2004	6728808	A Mechanism For Optimizing Transaction Retries Within A System Utilizing A PCI Bus Architecture
United States of America	29 Feb 2000	09/515797		04 May 2004	6731630	Flexible Dial Plan for a Data Network Telephony System
United States of America	25 Apr 2000	09/556788		04 May 2004	6731633	Network Unit Including Address Hashing

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	03 May 1999	09/303832		04 May 2004	6731642	Internet Telephony Using Network Address Translation
United States of America	24 Apr 2000	09/556641		04 May 2004	6731950	Cellular-Based Telephone Connection System
United States of America	09 Jun 2000	09/590892		04 May 2004	6732249	Host Computer Virtual Memory Within A Network Interface Adapter
United States of America	31 May 2000	09/583833		04 May 2004	6732281	System And Method For Loading Data Onto Carriers
United States of America	26 May 2000	09/579921		04 May 2004	6732314	Method and Apparatus for LZTP Forward Error Correction
United States of America	12 Oct 2000	09/689357		04 May 2004	6732323	Method Of Selecting Initialization Parameters For Multi-channel Data Communication With Forward Error Correction
United States of America	18 Feb 2000	09/507256		11 May 2004	6735210	Transmit Queue Caching
United States of America	29 Feb 2000	09/515800		11 May 2004	6735255	Correlation Based Method of Determining Frame Boundaries of Data Frames That Are Periodically Extended
United States of America	12 Jan 2001	09/760520		11 May 2004	6735297	SYSTEM FOR MAINTAINING PBX LICENSE KEY INFORMATION IN THE EVENT OF A HARDWARE FAILURE REDUCING MTTR
United States of America	12 May 2000	09/570204		11 May 2004	6735670	Forwarding Table Incorporating Hash Table and Content Addressable Memory
United States of America	25 Jul 2000	09/626275		18 May 2004	6738935	Coding Sublayer For Multi-channel Media With Error Correction
United States of America	31 May 2000	09/584927		25 May 2004	6741586	System and Method For Sharing Computer Screens Over A Telephony Network
United States of America	15 Sep 2000	09/663756		25 May 2004	6742187	Upstream Bandwidth allocation map (MAP)-initiated channel change method for data-over-cable systems
United States of America	27 Sep 1999	09/405283		01 Jun 2004	6744759	System And Method For Providing User-Configured Telephone Service In A Data Network/Telephony System
United States of America	31 Jan 2002	10/062871		01 Jun 2004	6745333	A Method For Detecting Unauthorized Network Access By Having A Nic Monitor For Packets Purporting To Be From Itself
United States of America	30 Apr 1999	09/303044		15 Jun 2004	6751202	Filtered Transmit Cancellation In A Full-Duplex Modem Data Access Arrangement (DAA)
United States of America	24 May 1999	09/317775		15 Jun 2004	6751230	Upstream Channel Multicast Media Access Control (MAC) Address Method For Data Over Cable Systems
United States of America	11 Feb 1998	09/022069		15 Jun 2004	6751272	Dynamic Adjustment To Preserve Signal To Noise Ratio In A Quadrature Detector System
United States of America	02 Apr 2001	09/822244		15 Jun 2004	6751700	Data Processor And Storage System Including A Set Associative Cache With Memory Aliasing
United States of America	28 Oct 2002	10/281778		22 Jun 2004	6753761	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires
United States of America	02 Jun 2003	10/452648		22 Jun 2004	6754173	Trunk Arrangement In A Computer Network With Intra Trunk Switch Connections
United States of America	08 Mar 2001	09/801953		22 Jun 2004	6754310	Telephony Interface Device For Providing Diagnostic Information To A Telephone
United States of America	24 May 1999	09/317588		22 Jun 2004	6754622	Method For Network Address Table Maintenance In A Data-Over-Cable System Using Destination Reachability
United States of America	24 Nov 1998	09/198827		29 Jun 2004	6757276	Touch Tone Replacement for Internet Telephony
United States of America	14 Sep 2000	09/662159		29 Jun 2004	6757279	Method For Synchronising Databases In Stacked Network Units
United States of America	28 May 1999	09/322833		29 Jun 2004	6757908	Graphical Representation Of Impairment Or Other Conditions In A Data-Over-Cable System

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United States of America	28 Mar 2000	09/535769		06 Jul 2004	6760309	Method of Dynamic Prioritization of Time Sensitive Packets Over A Packet Based Network
United States of America	10 Aug 2000	09/636290		06 Jul 2004	6760372	ADAPTIVE SIGNAL PROCESSOR USING AN EYE-DIAGRAM METRIC
United States of America	15 Feb 2000	09/505069		06 Jul 2004	6760781	Intelligent Packet Transmission Engine
United States of America	11 Sep 2001	09/954113		06 Jul 2004	6760804	Apparatus and method for providing an interface between legacy applications and a wireless communication network
United States of America	14 Jun 2000	09/593506		13 Jul 2004	6762995	Network Switch Including Hysteresis In Signalling Fullness of Transmit Queues
United States of America	17 Aug 2000	09/641146		13 Jul 2004	6763001	Discovering non Managed Devices in a Network Such as a LAN Using Telnet
United States of America	30 Nov 2000	09/728282		13 Jul 2004	6763018	Distributed Protocol Processing and Packet Forwarding Using Tunneling Protocols
United States of America	06 Apr 2000	09/544542		13 Jul 2004	6763023	Network Switch with Self-Learning Routing Facility
United States of America	17 Nov 1999	09/442238		13 Jul 2004	6763031	Network Device Incorporating Selective Compression Of Stored Data Packets
United States of America	31 Jul 2000	09/628842		13 Jul 2004	6763061	A Frequency Domain Technique For Narrowband Noise Cancellation In DMT Receivers
United States of America	08 Dec 2000	09/731855		13 Jul 2004	6763348	Method and Apparatus for Searching Databases Employing a Trie Search Structure
United States of America	07 Apr 2000	09/544806		20 Jul 2004	6765914	A Generic Switch Architecture To Support Flexible Subnets Across Layer 3 Devices
United States of America	21 Aug 2000	09/643069		20 Jul 2004	6765989	METHOD FOR OPTIMIZING DOWNSTREAM DATA TRANSFER IN AN ASYMMETRIC DIGITAL SUBSCRIBER LINE MODEM
United States of America	23 Feb 2001	09/792826		20 Jul 2004	6766020	System and Method for Comfort Noise Generation
United States of America	08 Feb 2000	09/500405		20 Jul 2004	6766367	Method and Apparatus For Fetching Sparsely Indexed MIB Tables In Managed Network Systems
United States of America	24 Aug 2000	09/645247		20 Jul 2004	6766377	Media Gateway Proxy
United States of America	28 Apr 2000	09/560396		20 Jul 2004	6766453	Authenticated Diffie-hellman Key Agreement Protocol Where The Communicating Parties Share A Secret Key With A Third Party
United States of America	25 Oct 1999	09/426616		27 Jul 2004	6768743	Method and System for Address Server Redirection for Multiple Address Networks
United States of America	05 Feb 2001	09/777115		27 Jul 2004	6768796	System and Method for Echo Cancellation
United States of America	04 Feb 2000	09/498833		03 Aug 2004	6771287	Graphically Distinguishing A Path Between Two Points On A Network
United States of America	08 Mar 2001	09/802257		03 Aug 2004	6771288	Methods and Apparatus for Updating Information In a Display Containing Fixed and Variable Information
United States of America	12 Oct 1999	09/416827		03 Aug 2004	6771610	Improved Spanning Tree With Protocol For Bypassing Port State Transition Timers
United States of America	28 Dec 1998	09/221752		03 Aug 2004	6771674	Method and System for Forward Error Correction Based on Parallel Streams
United States of America	21 May 2001	09/862351		03 Aug 2004	6771745	Method and Apparatus for Telephone Dialling Using a Network Device
United States of America	30 Nov 2000	09/727990		03 Aug 2004	6772123	METHOD AND SYSTEM FOR PERFORMING SPEECH RECOGNITION FOR AN INTERNET APPLIANCE USING A REMOTELY LOCATED SPEECH RECOGNITION APPLICATION
United States of America	03 May 2000	09/563548		03 Aug 2004	6772349	Detection of an Attack Such as a Pre-Attack on a Computer Network
United States of America	15 Sep 2000	09/662536		10 Aug 2004	6775243	Graphically Distinguishing a Path Between Two Points On A Network

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United States of America	03 Mar 2000	09/518445		10 Aug 2004	6775258	Method And System For Mapping Packet Service Categories To Asymmetric Digital Subscriber Uen Latency Paths
United States of America	27 May 1998	09/085555		10 Aug 2004	6775276	Method And System For Seamless Address Allocation In A Data Over Cable System
United States of America	08 Mar 2000	09/520931		10 Aug 2004	6775301	System and Method For Compensating For Channel Jitter
United States of America	19 Mar 1999	09/273301		17 Aug 2004	6778519	Wireless Multiple Function PC Card
United States of America	14 Mar 2000	09/525201		17 Aug 2004	6778664	Line Current Protection Circuit And Method For Linear And Nonlinear Hold Circuit
United States of America	20 Feb 2001	09/790037		17 Aug 2004	6779047	SERIAL COMMUNICATION PORT ARBITRATION BETWEEN A HOTSINK MANAGER AND A WIRELESS CONNECTION MANAGER
United States of America	03 Jul 2001	09/897044		17 Aug 2004	6779056	Direct Data Placement and Message Reassembly
United States of America	26 Oct 1999	09/426839		24 Aug 2004	6781982	Method and System for Allocating Persistent Private Network Addresses Between Private Networks
United States of America	14 Jan 1999	09/231034		24 Aug 2004	6782066	Method and System for Detecting Frame Slips In a Digital Communication Channel
United States of America	13 Oct 2000	09/689628		24 Aug 2004	6782428	Allocation of asymmetric priority to traffic flow in network switches.
United States of America	28 May 1999	09/327816		31 Aug 2004	6785261	Method And System for Forward Error Correction With Different Frame Sizes
United States of America	06 Aug 1999	09/369324		31 Aug 2004	6785286	Port Mirroring Across A Trunked Stack Of Multi-port Communication Devices
United States of America	28 May 1999	09/322513		31 Aug 2004	6785292	Method For Detecting Radio Frequency Impairments In A Data-Over-Cable System
United States of America	01 Jun 1999	09/322886		31 Aug 2004	6785299	Optimized High-Level Link Data Layer Control Encoding/Decoding
United States of America	22 Apr 1999	09/298498		31 Aug 2004	6785347	Nonlinear-Least Squares Based Method and Apparatus For FSK Signal Decoding
United States of America	28 May 1999	09/321993		31 Aug 2004	6785349	Correlation Based Method of Determining Frame Boundaries of Data Frames That Are Periodically Extended
United States of America	02 Aug 2000	09/630492		07 Sep 2004	6788682	MAPPING OF PACKETS BETWEEN LINKS OF TRUNK GROUPS USING MUX/DEMUX DEVICES
United States of America	20 Jan 2000	09/488340		07 Sep 2004	6788782	Method and Apparatus for Switching Between Multiple Communication Lines
United States of America	31 Oct 2000	09/703175		14 Sep 2004	6792105	Current-Mode Differential Active Hybrid Circuit
United States of America	27 Sep 1999	09/406151		21 Sep 2004	6795429	System And Method For Associating Notes With A Portable Information Device On A Network Telephony Call
United States of America	19 Jan 2001	09/765905		21 Sep 2004	6795688	METHOD AND SYSTEM FOR PERSONAL AREA NETWORK (PAN) DEGREES OF MOBILITY-BASED CONFIGURATION
United States of America	04 May 2000	09/564197		21 Sep 2004	6795717	Communications Device Having Retractable Display Means
United States of America	27 Feb 2001	09/794841		21 Sep 2004	6795869	Video Signal Processing Method and Apparatus for Internet Appliances or Embedded Systems
United States of America	05 May 2000	09/565481		21 Sep 2004	6795946	Fast Frame Error Checker For Multiple Byte Digital Data Frames
United States of America	01 May 2000	09/562131		05 Oct 2004	6801527	Stackable Network Unit Including Registers for Identifying Stack Members and Trunk Ports
United States of America	13 Sep 2000	09/660825		05 Oct 2004	6801605	Telephone Network Signal Conversion System
United States of America	25 Sep 2000	09/668339		05 Oct 2004	6801950	Stackable Network Units Including Registers For Identifying Trunk Connection Status of Stacked Units

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	15 Aug 2002	10/215743		05 Oct 2004	6801953	Trunking In Stacked Communication Devices
United States of America	29 Feb 2000	09/515365		12 Oct 2004	6804224	System and Method for Providing Telephone Service Having Private Branch Exchange Features in a Voice-Over-Data Telephony System
United States of America	03 Nov 1999	09/432591		12 Oct 2004	6804230	Communication Device With Forwarding Database Having A Trie Search Facility
United States of America	28 Apr 2000	09/560087		12 Oct 2004	6804262	Method and Apparatus for Channel Determination Through Power Measurements
United States of America	18 Dec 2003	10/742353		12 Oct 2004	6804721	Multi-point Link Aggregation Spoofing
United States of America	23 Jul 2001	09/909756		12 Oct 2004	6804804	Calculation and Transmission of Error Check Codes
United States of America	25 Aug 2000	09/645569		19 Oct 2004	6807175	Distributed Multicast Routing in Packet-based Communication Network Devices
United States of America	31 Jan 2000	09/494399		19 Oct 2004	6807182	Stacked Network Devices Including A Protocol Engine And Distributed Trunk Ports And Method Of Operating Same
United States of America	20 Jun 2000	09/597841		19 Oct 2004	6807193	CABLE MODEM WITH DRIBBLE GRANT ACCESS SYSTEM AND METHOD
United States of America	30 Aug 2002	10/232149		19 Oct 2004	6807266	Method and Apparatus for Provisioning a Soft Switch
United States of America	31 Jan 2001	09/775022		19 Oct 2004	6807437	WIRELESS COMMUNICATION APPARATUS FOR PORTABLE ELECTRONIC DEVICES
United States of America	31 Jan 2000	09/494401		26 Oct 2004	6810420	Allocation Of IP Addresses By Proxy To Device In A Local Area Network
United States of America	19 Jul 2002	10/198902		09 Nov 2004	6816018	System and Method for Partitioning a System Timing Reference Among Multiple Circuit Boards
United States of America	10 Jul 2000	09/613070		09 Nov 2004	6816500	Apparatus, Method and System For Multimedia Access Network Channel Management
United States of America	26 Mar 2001	09/816313		16 Nov 2004	6819680	Link Aggregation Control For Network Devices
United States of America	21 Dec 2001	10/036704		23 Nov 2004	6821555	Edge Connectors For Printed Circuit Boards Comprising Conductive Ink
United States of America	07 Nov 2000	09/707708		23 Nov 2004	6822957	Distributed Network Address Translation for a Network Telephony System
United States of America	24 May 2001	09/865110		30 Nov 2004	6826154	Method And Apparatus For Seamless Mobility Between Different Access Technologies
United States of America	07 Jul 1999	09/348983		30 Nov 2004	6826160	Dynamic Bandwidth Allocation Through Multi-Channel Time Slot Assignment Migration For Broadband Access
United States of America	02 Mar 2000	09/516857		30 Nov 2004	6826174	Voice Over IP Interface For Standard Household Telephone
United States of America	25 May 2000	09/578545		30 Nov 2004	6826279	Base Band Echo Cancellation Using Laguerre Echo Estimation
United States of America	15 Mar 2000	09/525966		30 Nov 2004	6826613	Transparent Switched Access To Network Attached Storage
United States of America	09 May 2003	10/434898		07 Dec 2004	6829239	Methods and Apparatus For Determining The Correct Workstation Within A LAN For A LAN Modem To Route A Packet
United States of America	05 Feb 2001	09/777080		07 Dec 2004	6829309	Phase Detector For Baud-Sampled Multi-State Signal Receiver
United States of America	10 Aug 2000	09/636047		07 Dec 2004	6829314	ADAPTER FOR NEAR END CROSSTALK AND ECHO CANCELLER FOR BI-DIRECTIONAL DIGITAL COMMUNICATIONS
United States of America	27 Sep 2002	10/256772		21 Dec 2004	6833712	Differentiating Between Board-Insertion Power-On and Chassis Power-On
United States of America	20 Oct 2000	09/693498		21 Dec 2004	6834079	Efficient Implementation for Equalization of Multicarrier Channels

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United States of America	17 Mar 2000	09/527904		21 Dec 2004	6834326	Networked RAID Method and Device
United States of America	24 Apr 2000	09/557944		28 Dec 2004	6836862	Method of Indicating Wireless Connection Integrity
United States of America	17 Jul 2002	10/198218		04 Jan 2005	6839239	ELECTRONIC DEVICE PACKAGING
United States of America	20 Feb 2001	09/785271		04 Jan 2005	6839360	FIFO Storage Including Pointer Misalignment Detection
United States of America	30 Apr 2004	10/836852		11 Jan 2005	6842790	Host Computer Virtual Memory Within A Network Interface Adapter
United States of America	10 Oct 2000	09/685287		11 Jan 2005	6842797	USB Adapter for Burst Mode Communications
United States of America	20 Jun 2000	09/597522		25 Jan 2005	6847635	A METHOD TO TRANSMIT SILENCE COMPRESSED VOICE OVER IP EFFICIENTLY IN DOCSIS CABLE NETWORKS
United States of America	16 May 2000	09/573498		25 Jan 2005	6847693	Method and Device Providing Data Derived Timing Recovery For Multicarrier Communications
United States of America	05 Aug 1999	09/368918		01 Feb 2005	6851080	Automatic Activation of Asic Test Mode
United States of America	30 Jul 2003	10/630960		08 Feb 2005	6853622	Link Aggregation Repeater Process
United States of America	29 May 1999	09/322887		08 Feb 2005	6853637	Converged Home Gateway
United States of America	28 Feb 2001	09/796398		08 Feb 2005	6854015	SYSTEM FOR ISOLATING ETHERNET NETWORK TRAFFIC
United States of America	30 Nov 2000	09/728833		15 Feb 2005	6856616	System and Method for Providing Service Provider Configurations for Telephones Using a Central Server in a Data Network Telephony System
United States of America	28 Feb 2001	09/795991		15 Feb 2005	6856683	Method For Reducing Noise From A Non-Linear Device That Shares A Customer Loop With An Asymmetric Digital Subscriber Line Modem
United States of America	29 Feb 2000	09/515796		15 Feb 2005	6857021	Proximity Based Registration on a Data Network Telephony System
United States of America	14 Nov 2000	09/712610		15 Feb 2005	6857027	Intelligent Network Topology and Configuration Verification Using A Method of Loop Detection
United States of America	27 Sep 1999	09/405981		15 Feb 2005	6857072	System And Method For Enabling Encryption/Authentication On A Telephony Network
United States of America	02 Jun 2003	10/452373		22 Feb 2005	6859051	Systems and Methods For Impedance Synthesis
United States of America	08 May 2000	09/566563		01 Mar 2005	6862286	Tracking Dynamic Addresses on a Network
United States of America	05 Feb 2001	09/777083		08 Mar 2005	6865223	Equalizer Adapter for a Pulse Amplitude Modulation Receiver
United States of America	21 Mar 2000	09/532050		08 Mar 2005	6865673	Method for Secure Installation of Device in Packet-Based Communication Network
United States of America	26 Apr 2001	09/843660		15 Mar 2005	6868088	Automatic Detector Of Media Interface Type
United States of America	30 Nov 2000	09/726993		22 Mar 2005	6870830	System and Method For Performing Messaging Services Using A Data Communications Channel in a Data Network Telephone System
United States of America	29 Mar 2001	09/821409		29 Mar 2005	6873701	SYSTEM AND METHOD FOR DTMF DETECTION USING LIKELIHOOD RATIOS
United States of America	09 Jun 2000	09/591044		29 Mar 2005	6874047	System and Method For Implementing An SMBUS/I2C Interface On A Network Interface Card
United States of America	02 Aug 2001	09/919806		05 Apr 2005	6877145	Automatic Generation of Interconnect Logic Components
United States of America	22 Feb 2002	10/082496		12 Apr 2005	6880020	A Method And System For Installing Different Communications Jacks into An Intelligent Concentrator

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	27 Sep 2002	10/259108		19 Apr 2005	6882217	Cubic Spline Predistortion, Algorithm and Training, For a Wireless LAN System
United States of America	02 Aug 2000	09/630955		19 Apr 2005	6882622	Flow control System for Network Devices
United States of America	20 Aug 2003	10/644173		19 Apr 2005	6882630	Improved Spanning Tree With Rapid Propagation Of Topology Changes
United States of America	14 Sep 2000	09/662157		19 Apr 2005	6882661	System for Detection of Asynchronous Packet Rates and Maintenance of Maximum Theoretical packet rate
United States of America	10 Oct 2000	09/686124		19 Apr 2005	6883023	Method, Apparatus And Communications System For Companion Information And Network Appliances
United States of America	20 Jun 2001	09/885220		10 May 2005	6891887	Multi Carrier LAN Adapter Device Using Interpolative Equalizer
United States of America	30 Sep 1998	09/163817		10 May 2005	6892229	System and Method for Assigning Dynamic Host Configuration Protocol Parameters In Devices Using Resident Network Interfaces
United States of America	19 Apr 2001	09/838522		24 May 2005	6898188	Gatekeeper Simulator In A LAN Telephony System
United States of America	31 May 2000	09/584650		24 May 2005	6898210	System and Method For Providing A Local Area Network Utilizing Remote Transceivers
United States of America	30 Nov 1998	09/201673		24 May 2005	6898279	Methods and Computer Readable Media for Creating Dialing Strings Useful In an International Dial-up Session for Transferring Data
United States of America	08 Sep 2000	09/658108		21 Jun 2005	6908324	connector scheme to allow physical orientation of a computer peripheral
United States of America	15 Sep 2000	09/662532		28 Jun 2005	6912206	Discovery Of Phones On A Network Such As A LAN
United States of America	30 Mar 1999	09/281726		28 Jun 2005	6912589	System and Method for Efficiently Handling Multicast Packets By Ignoring VLAN Context
United States of America	29 Feb 2000	09/516269		05 Jul 2005	6914897	System and Method for Accessing Radio Programs Using a Data Network Telephone In a Network Based Telecommunication System
United States of America	19 Jan 2001	09/766241	20020097824	05 Jul 2005	6914952	Superframes Alignment To A Pre-existing ADSL Data Exchange
United States of America	24 Apr 2002	10/128352		05 Jul 2005	6915448	Storage Disk Failover and Replacement System
United States of America	22 Jan 2001	09/767048		12 Jul 2005	6917592	LNS High Availability and Load Balancing with LNS-to-LNS State Offloading
United States of America	02 Jan 2001	09/750783		19 Jul 2005	6920172	Dual Purpose Spread Spectrum Radio Receivers With Controlled Frequency Rejection
United States of America	28 Apr 2000	09/561416		19 Jul 2005	6920559	Using A Key Lease In A Secondary Authentication Protocol After A Primary Authentication Protocol Has Been Performed
United States of America	20 Feb 2003	10/369905		26 Jul 2005	6921296	CARD CAGE AND ELECTRONIC CARD APPARATUS AND SYSTEM
United States of America	13 Apr 1999	09/290941		02 Aug 2005	6925076	Method And Apparatus For Providing A Virtual Distributed Gatekeeper In A H.323 System
United States of America	19 Feb 1999	09/253418		02 Aug 2005	6925078	Network Adaptor Driver With Destination Based Ordering
United States of America	15 Sep 2000	09/662533		09 Aug 2005	6928059	Efficient Method Of Deducting Topology Including Endstations
United States of America	07 Apr 2003	10/408394		23 Aug 2005	6933896	Extendable Planar Diversity Antenna
United States of America	30 Jan 2004	10/769177		23 Aug 2005	6934263	Improved Spanning Tree With Protocol For Bypassing Port State Transition Timers
United States of America	19 Sep 2000	09/664667		23 Aug 2005	6934740	Method and apparatus for sharing common data objects among multiple applications in a client device
United States of America	06 Oct 2000	09/680910		30 Aug 2005	6937610	Method and Protocol for a Medium Access Control Layer For Local Networks With Multiple Priority Traffic

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	13 May 2000	09/633855		30 Aug 2005	6937624	Efficient Means of Guaranteeing N-Byte IPG in a Multi-Device Arbitrated Ring
United States of America	27 Sep 1999	09/406320		30 Aug 2005	6937699	System And Method For Advertising Using Data Network Telephone Connections
United States of America	19 Sep 2000	09/665050		30 Aug 2005	6938079	System and Method for automatically configuring a client device
United States of America	26 Jun 2001	09/888425		06 Sep 2005	6940818	Selectable Bandwidth Facility for a Network Port
United States of America	30 Nov 2000	09/727069		06 Sep 2005	6940874	Method For Reducing Interference From Initializing Network Devices In a Data-Over-Cable System
United States of America	19 Jun 2000	09/596407		13 Sep 2005	6944881	Method for Using an Initial Maintenance Opportunity for Non-Contention Ranging
United States of America	30 Mar 2001	09/823449		20 Sep 2005	6945451	Compact Multifunction Card For Electronic Devices
United States of America	15 Feb 2001	09/783940		20 Sep 2005	6947418	LOGICAL MULTICAST PACKET HANDLING
United States of America	09 Mar 2000	09/521788		20 Sep 2005	6948074	Method and System for Distributed Generation of Unique Random Numbers For Digital Tokens
United States of America	30 Nov 2000	09/726818		20 Sep 2005	6948184	System and Method for Calibrating Power Level During Initial Ranging of a Network Client Device
United States of America	07 May 2001	09/850176		27 Sep 2005	6950862	System and Method for Offloading a Computational Service on a Point-to-Point Communication Link
United States of America	26 Jan 2001	09/772095		04 Oct 2005	6952428	A System and Method for Specialized Dynamic Host configuration protocol proxy in a data-over-cable network
United States of America	21 Feb 2001	09/790243		11 Oct 2005	6954438	WIRELESS CALLBACK ACCESS CONTROL FOR A LAN NETWORK ACCESS POINT
United States of America	19 Apr 2000	09/551889		11 Oct 2005	6954492	Method of Differential Encoding A Pre-coded Multiple Modulus Encoder
United States of America	17 Aug 2000	09/641407		11 Oct 2005	6954785	Method and apparatus for the identification of servers
United States of America	08 Dec 2000	09/732977		11 Oct 2005	6954786	Method And Architecture For A High Performance Cache For Distributed Web-Based Management Solutions
United States of America	22 Mar 2001	09/814619		18 Oct 2005	6956853	Receive Processing With Network Protocol Bypass
United States of America	10 Jul 2001	09/902213		25 Oct 2005	6959082	Method And System For Automatic Gain Control With Adaptive Table Lookup
United States of America	21 Apr 2003	10/419638		01 Nov 2005	6961596	Modular RF Antenna and Filter System for Dual Radio WLAN Access Points
United States of America	27 Feb 2001	09/796585		08 Nov 2005	6963541	Upstream Transmission Profiles for a DOCSIS-Based System
United States of America	08 Feb 2001	09/779353		08 Nov 2005	6963829	METHOD AND APPARATUS FOR INTERFACING A SPECTRUM DIGITAL INCORPORATED TMS470 EVALUATION BOARD WITH A SPECTRUM DIGITAL INCORPORATED TMS320LC54X EVALUATION BOARD
United States of America	16 Feb 2001	09/785015		08 Nov 2005	6963921	Method And Apparatus For Hardware Assisted TCP Packet Re-Assembly
United States of America	19 Jan 2001	09/766562		15 Nov 2005	6965565	System and method for Communicating an event status across a data channel
United States of America	24 Oct 2000	09/694673		15 Nov 2005	6965577	IDENTIFYING AN EDGE SWITCH AND PORT TO WHICH A NETWORK USER IS ATTACHED
United States of America	19 Apr 2001	09/838488		15 Nov 2005	6965932	Method and Architecture for a Dynamically Extensible Web-based Management Solution
United States of America	12 Jan 2001	09/759389		15 Nov 2005	6965942	A METHOD AND SYSTEM FOR IMPROVING THROUGHPUT OVER WIRELESS LOCAL AREA NETWORKS WITH A DYNAMIC CONTENTION WINDOW

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United States of America	24 Feb 2000	09/511751		15 Nov 2005	6965992	Method and System for Network Security Capable of Doing Stronger Encryption with Authorized Devices
United States of America	12 Jan 2001	09/760434		15 Nov 2005	6966003	System and method for switching security associations
United States of America	01 Dec 1998	09/204102		22 Nov 2005	6967963	Telecommunication Method For Ensuring On Time Delivery Of Packets Containing Time Sensitive Data
United States of America	27 Jul 2001	09/916377		29 Nov 2005	6970921	Network Interface Supporting Virtual Paths for Quality of Service
United States of America	16 Mar 2001	09/809822		29 Nov 2005	6970940	System and Method For Distributing Multi-Program Audio Over a Network
United States of America	17 Jul 2000	09/617480		06 Dec 2005	6973077	A METHOD AND APPARATUS FOR AUTO-DETECTION OF LAN, MODEM, OR ISDN UTILIZING A COMMON CONNECTION TO A PERIPHERAL COMPONENT
United States of America	09 Apr 2001	09/829644		06 Dec 2005	6973513	A Method For Efficient Use Of A Transmit Engine
United States of America	18 Oct 2000	09/691489		13 Dec 2005	6975652	Clock Synchronization of HFC Telephone Equipment
United States of America	20 Mar 2003	10/393080		20 Dec 2005	6977821	Backplane Apparatus and Board for Use Therewith
United States of America	17 Oct 2000	09/691649		20 Dec 2005	6978302	Network Management Apparatus and Method For Identifying Casual Events on a Network
United States of America	10 Apr 2000	09/546887		03 Jan 2006	6982962	System and Method for Selecting a Network Access Provider Using A Portable Information Device
United States of America	25 May 1999	09/318460		10 Jan 2006	6985437	Method For Dynamic Performance Optimization in A Data-Over-Cable System
United States of America	21 Dec 1998	09/217347		10 Jan 2006	6986157	Method and System for Dynamic Service Registration in a Data-Over-Cable System
United States of America	18 Mar 2004	10/804615		24 Jan 2006	6989735	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires
United States of America	12 Jan 2001	09/759770		24 Jan 2006	6990116	A METHOD AND SYSTEM FOR IMPROVING THROUGHPUT OVER WIRELESS LOCAL AREA NETWORKS WITH MODE SWITCHING
United States of America	26 Feb 2001	09/793363		24 Jan 2006	6990535	DEVICE AND METHOD FOR MULTI-PORTED, SINGLE BUS-MASTERING DATA BUFFER MANAGEMENT
United States of America	10 Oct 2000	09/685286		31 Jan 2006	6992974	system and method for providing fault tolerance in a network telephony system
United States of America	28 Feb 2001	09/795549		07 Feb 2006	6996062	Policy Based Weighted Random Early Detection Method for Avoiding Congestion in Internet Traffic
United States of America	31 Aug 2001	09/943971		07 Feb 2006	6996110	Distributed MPLS Architecture
United States of America	06 Dec 2000	09/731333		07 Feb 2006	6996621	Method For Supporting Secondary Address Delivery On Remote Access Servers
United States of America	23 Feb 2000	09/511118		14 Feb 2006	6999452	Self Healing Loop Configuration For Ethernet
United States of America	09 Jul 2001	09/901403		14 Feb 2006	6999453	Distributed Switch Fabric Arbitration
United States of America	12 Jan 2001	09/759848		21 Feb 2006	7002932	METHOD AND SYSTEM FOR PROVIDING NETWORK CONNECTIVITY AND MOBILITY WHILE ROAMING
United States of America	14 Feb 2001	09/783740		21 Feb 2006	7002951	Automatic Voicemail Announcements With Multimedia Attachments
United States of America	27 Nov 2000	09/723418		21 Feb 2006	7003118	High Performance IPSEC Hardware Accelerator For Packet Classification
United States of America	12 Mar 2004	10/799212		28 Feb 2006	7005969	Power Transfer Apparatus For Concurrently Transmitting Data And Power Over Data Wires

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United States of America	15 Aug 2000	09/639551		28 Feb 2006	7006458	Echo Canceller Disabler For Modulated Data Signals
United States of America	28 Feb 2001	09/796063		28 Feb 2006	7006522	System and Method for Alert Generation Using Network Interface
United States of America	24 May 2001	09/865120		07 Mar 2006	7009952	Method And Apparatus For Seamless Mobility With Layer Two Assistance
United States of America	02 Jul 2001	09/897212		07 Mar 2006	7010588	Processing Network Events to Reduce the Number of Events to be displayed
United States of America	14 Feb 2001	09/784422		14 Mar 2006	7012915	PERSONALIZED LCD DISPLAY
United States of America	22 Feb 2001	09/791188		21 Mar 2006	7016339	Method and Apparatus for Real Time Protocol Feedback Mixer Traversal
United States of America	27 Sep 1999	09/406321		21 Mar 2006	7016675	System And Method For Controlling Telephone Service Using A Wireless Personal Information Device
United States of America	02 Jul 2001	09/897381		21 Mar 2006	7016955	Network Management Apparatus and Method for Processing Events Associated with Device Reboot
United States of America	16 Jan 2001	09/761519		28 Mar 2006	7020212	Method and System For A Multiple Dimensional Adaptive Frequency Domain Noise Canceller for DMT Transceivers
United States of America	03 Aug 2001	09/922995		04 Apr 2006	7023809	Intelligent Concentrator Usage
United States of America	19 Aug 2004	10/922647		04 Apr 2006	7023863	An Apparatus and Method for Processing Encrypted Packets In a Computer Network Device
United States of America	17 May 2001	09/858595		04 Apr 2006	7023873	Network Device Including Detection of Link Status Employing Auto-Negotiation
United States of America	29 Jun 2000	09/607534		04 Apr 2006	7024464	Dynamic Content Management For Wireless Communication Systems
United States of America	14 Aug 2000	09/639713		04 Apr 2006	7024478	METHOD AND SYSTEM FOR PROVIDING SECURE USER ACCESS TO PUBLIC OR PRIVATE TELEPHONE AND INTERNET SYSTEMS
United States of America	02 Jun 2000	09/585747		04 Apr 2006	7024556	Distributed System Authentication
United States of America	28 Apr 2000	09/561088		04 Apr 2006	7024690	Protected Mutual Authentication Over An Unsecured Wireless Communication Channel
United States of America	22 Aug 2001	09/934984		11 Apr 2006	7028086	Method and Apparatus for Detection of Server-Like Devices Within a Network
United States of America	27 Aug 1999	09/384158		11 Apr 2006	7028335	Method And System For Controlling Attacks On Distributed Network Address Translation Enabled Networks
United States of America	17 Mar 1999	09/270967		18 Apr 2006	7032242	Method And System For Distributed Network Address Translation With Network Security Features (parent Cases Is 1572.CS)
United States of America	22 Dec 2000	09/748588		02 May 2006	7039049	Method and Apparatus for PPoE Bridging in a Routing CMTS
United States of America	28 Feb 2001	09/796314		02 May 2006	7039053	Packet Filter Policy Verification System
United States of America	28 May 1999	09/322512		02 May 2006	7039182	Echo Canceller Having Improved Noise Immunity
United States of America	04 Mar 2002	10/086890		09 May 2006	7042889	Network Switch With Parallel Working Of Look-up Engine And Network Processor
United States of America	11 Sep 2001	09/953700		09 May 2006	7043205	A METHOD AND APPARATUS FOR OPENING A VIRTUAL SERIAL COMMUNICATIONS PORT FOR ESTABLISHING A WIRELESS CONNECTION IN A BLUETOOTH COMMUNICATIONS NETWORK
United States of America	10 Aug 1999	09/371463		23 May 2006	7051226	A Method And System For Providing Priority To A Station In A Congested Half Duplex Ethernet Network
United States of America	24 Oct 2002	10/279364		13 Jun 2006	7062566	System and Method for Using Virtual Local Area Network Tags with a Virtual Private Network

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United States of America	19 Jan 2001	09/764412		13 Jun 2006	7062569	Cascade control architecture and operation for packet-based communication systems
United States of America	31 Oct 2002	10/284475		20 Jun 2006	7065670	Server Monitor and Failover Mechanism
United States of America	27 Nov 2000	09/732980		27 Jun 2006	7068597	A System and Method For Automatic Load Balancing In A Data-Over-Cable Network
United States of America	18 Apr 2001	09/837106		27 Jun 2006	7068664	System and Method for Providing masquerading Using a Multiprotocol Label Switching
United States of America	30 Aug 2001	09/942820		27 Jun 2006	7068726	Near End Cross-Talk and Echo Avoider For Bi-Directional Digital Communications
United States of America	25 Jan 2002	10/056886		04 Jul 2006	7072337	System and Method for Resolving Network Addresses for Network Devices on Distributed Network Subnets
United States of America	22 Feb 2001	09/791176		04 Jul 2006	7073055	System and Method for Providing Distributed and Dynamic Services to Remote Access Server Users
United States of America	28 Aug 2001	09/942176		04 Jul 2006	7073066	Offloading Cryptographic Processing From An Access Point To An Access Point Server Using OTWAY-REES Key Distribution
United States of America	12 Jan 2001	09/760525		11 Jul 2006	7076053	System for The Processing Of Audio Data Used For Music On Hold and Paging in a Private Branch Exchange
United States of America	27 Sep 2001	09/967053		11 Jul 2006	7076496	A METHOD AND SYSTEM FOR SERVER BASED SOFTWARE PRODUCT RELEASE VERSION TRACKING
United States of America	10 Oct 2002	10/267826		11 Jul 2006	7076600	Dual Purpose Interface Using Refresh Cycle
United States of America	30 Oct 2001	10/013321		01 Aug 2006	7085306	SYSTEM AND METHOD FOR A MULTI-FREQUENCY UPSTREAM CHANNEL IN A COMPUTER NETWORK
United States of America	20 Aug 2001	09/933558		01 Aug 2006	7085364	Advanced Conference Drop
United States of America	22 Feb 2002	10/082489		01 Aug 2006	7085533	A NETWORK WIRELESS ACCESS INTELLIGENT CONCENTRATOR SYSTEM AND METHOD
United States of America	27 Aug 2001	09/941280		08 Aug 2006	7088678	System and Method for Traffic Shaping Based on Generalized Congestion and Flow Control
United States of America	23 May 2001	09/863509		08 Aug 2006	7089327	System and Method for routing Information to Multiple Points Within an Embedded Environment
United States of America	10 May 2002	10/144273		08 Aug 2006	7089424	Peripheral Device For Protecting Data Stored On Host Device And Method And System Using The Same
United States of America	29 Mar 2000	09/598342		08 Aug 2006	7089580	Method for Improved Cable Modem Ranging in a Data-Over-Cable System
United States of America	30 Nov 2000	09/727727		15 Aug 2006	7092671	A METHOD AND SYSTEM FOR WIRELESSLY AUTODIALING A TELEPHONE NUMBER FROM A RECORD STORED ON A PERSONAL INFORMATION DEVICE
United States of America	12 Feb 2002	10/074803		22 Aug 2006	7096274	Optimum Frame Size Predictor for Wireless Local Area Network
United States of America	27 Feb 1999	09/259757		29 Aug 2006	7099338	System And Method For Insuring Dynamic Host Configuration Protocol Operation By A Host Connected To A Data Network
United States of America	19 Dec 2000	09/741639		05 Sep 2006	7103096	Performance Evaluation of Multicarrier Channels With Forward Error Correction and Automatic Retransmission Request
United States of America	31 Oct 2000	09/703338		12 Sep 2006	7106788	Method and System for Analytically Computing and Using an ANSPCM Signal
United States of America	27 Nov 2000	09/722939		12 Sep 2006	7107326	Method and System for Integrating IP Address Reservations with Policy Provisioning
United States of America	28 Feb 2001	09/795587		19 Sep 2006	7110399	System and Method for Providing User Mobility Handling in a Network Telephony System
United States of America	20 Dec 2000	09/742686		19 Sep 2006	7110467	Performance Evaluation Of A G.dmt-compliant Digital Subscriber Line System

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	14 Feb 2002	10/075926		26 Sep 2006	7114070	System and Method for Automatic Digital Certificate Installation on a Network Device in a Data-Over-Cable System
United States of America	15 Nov 2001	09/998846		10 Oct 2006	7120819	Method and System For a Fault Diagnosis in a Data Network
United States of America	11 Mar 2002	10/093506	20030147412	17 Oct 2006	7123615	Stacked Router Distributed Forwarding
United States of America	15 Oct 2001	09/977832		24 Oct 2006	7127487	System and method for Sidebar Functionality in a Regular Conference System
United States of America	02 May 2002	10/137820		31 Oct 2006	7130354	Method and Apparatus For Improving Error Control Properties For Encoding and Decoding Data
United States of America	29 Sep 2003	10/673726		31 Oct 2006	7130421	SINGLE PIECE VERSATILE PHONE STAND
United States of America	01 Jul 2002	10/186957		31 Oct 2006	7130625	System And Method For A Universal Wireless Access Gateway
United States of America	20 Dec 2000	09/741636		31 Oct 2006	7131038	Performance Evaluation Of Multicarrier Channels
United States of America	19 Oct 2000	09/693679		07 Nov 2006	7133446	Performance Indicator For Wireless Digital Signal Reception
United States of America	05 Apr 2004	10/818250		14 Nov 2006	7137047	Method and Apparatus for Selection of ARQ Parameters and Estimation of Improved Communications
United States of America	30 Apr 2003	10/426183		21 Nov 2006	7139250	Advanced Ethernet Auto Negotiation
United States of America	08 Dec 2000	09/732991		28 Nov 2006	7143159	Method For Correlating And Presenting Network Management Data
United States of America	18 Sep 2001	09/956376		28 Nov 2006	7143299	Method For Power Management Of Intelligent Hardware
United States of America	02 Jul 2001	09/899365		05 Dec 2006	7145887	Communication Of Packet Arrival Times to Cable Modem Termination System and Uses Thereof
United States of America	14 Nov 2003	10/477603		26 Dec 2006	7155622	System and method for the management of power supplied over data lines
United States of America	08 Feb 2002	10/067965		23 Jan 2007	7167441	Cascade Control System for Network Units
United States of America	28 Jan 2002	10/060112		20 Mar 2007	7194004	Method for managing network access
United States of America	22 Feb 2002	10/082422	20050282522	20 Mar 2007	7194251	INTELLIGENT GATE DISTRIBUTED USE AND DEVICE NETWORK ACCESS MANAGEMENT ON PERSONAL AREA NETWORK
United States of America	04 Apr 2001	09/825707		20 Mar 2007	7194534	Display of Phones on a Map of a Network
United States of America	31 Mar 2003	10/403552		10 Apr 2007	7203245	Symbol Boundary Detector Method and Device for OFDM Systems
United States of America	28 Feb 2001	09/795730		22 May 2007	7222255	System and Method For Network Performance Testing
United States of America	07 Aug 2001	09/923895		29 May 2007	7225236	Load Balancing Between LNSs Using Virtual Minimal LAC Configuration
United States of America	14 Sep 2000	09/662158		19 Jun 2007	7233601	Cascade Architecture and Operation for Packet-Based Communication Systems
United States of America	08 Apr 2002	10/118681		10 Jul 2007	7243954	A System And Method For Efficiently Processing Information In A Multithread Environment
United States of America	23 Jul 2001	09/909759		24 Jul 2007	7248573	Interface System for Wireless Node and Network Node
United States of America	04 Jun 2002	10/163139		24 Jul 2007	7249183	METHOD TO ENABLE CONTINUOUS MOBILITY ACROSS DIFFERENT NETWORK INTERFACES
United States of America	11 May 2004	10/843218	20050254437	14 Aug 2007	7257088	SDMA System Using MU-SIMO for the Uplink and MU-MISO for the Downlink

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United States of America	08 Aug 2001	09/924955		14 Aug 2007	7257739	Diagnosis of Link Failures in a Network
United States of America	25 May 2001	09/865763		28 Aug 2007	7263130	Method And Apparatus For Evaluating Error Control Parameters Of Self-Similar Constellations
United States of America	16 Jul 2002	10/195503		25 Sep 2007	7274703	STACKABLE NETWORK UNITS WITH RESILIENCY FACILITY
United States of America	27 Sep 2002	10/259082		25 Sep 2007	7274750	Gain and Phase Imbalance Compensation for OFDM Systems
United States of America	26 Apr 2000	09/559883		25 Sep 2007	7275093	Methods and Device for Managing Message Size Transmitted Over a Network
United States of America	27 May 1999	09/322114		25 Sep 2007	7275113	A Dynamic Network Address Configuration System And Method
United States of America	15 Nov 2002	10/298130		02 Oct 2007	7277517	Method For Achieving Symbol Alignment To A Pre-existing ADSL Data Exchange
United States of America	23 Jul 2002	10/201876		09 Oct 2007	7280554	A COMPUTER IMPLEMENTED METHOD FOR ASSIGNING A BACK-OFF INTERVAL TO AN INTERMEDIARY NETWORK ACCESS DEVICE
United States of America	31 Mar 2003	10/403553		09 Oct 2007	7280621	Preamble Detector Method and Device for OFDM Systems
United States of America	17 Jan 2001	09/760721		16 Oct 2007	7283525	Multi-port Network Communication Device With Selective MAC Address Filtering.
United States of America	27 Nov 2002	10/306328		16 Oct 2007	7283543	System and Method for Operating Echo Cancellers with Networks Having Insufficient Levels of Echo Return Loss
United States of America	25 Jun 2002	10/179440		16 Oct 2007	7283555	Method and Apparatus for Determining a Polling Interval in a Network Management System
United States of America	31 May 2000	09/584581		23 Oct 2007	7286652	Four Channel Audio Recording in A Packet Based Network
United States of America	06 Aug 2001	09/923848		30 Oct 2007	7289449	A DEVICE AND METHOD FOR MANAGING FAULT DETECTION AND FAULT ISOLATION IN VOICE AND DATA NETWORKS
United States of America	08 Feb 2002	10/067738		30 Oct 2007	7289496	Cascade System For Network Units
United States of America	22 Nov 2002	10/302241		20 Nov 2007	7298834	System and Method for Large Capacity Conference Calls
United States of America	27 Feb 2002	10/086009		20 Nov 2007	7299287	A SECURE NETWORK OUTLET FOR SUPPORTING IP DEVICE ADDRESS ASSIGNING FUNCTIONALITY
United States of America	08 Sep 2003	10/657778		20 Nov 2007	7299301	Method and Architecture for Logical Aggregation of Multiple Servers
United States of America	27 Aug 2002	10/229361		11 Dec 2007	7307998	Computer System And Network Interface Supporting Dynamically Optimized Receive Buffer Queues
United States of America	20 Aug 2003	10/644155		08 Jan 2008	7317722	System and method for distributed multicast routing
United States of America	25 Jul 2002	10/206488		29 Jan 2008	7324462	METHODS FOR DISCOVERING DEVICES WITHIN A WIRELESS NETWORK
United States of America	10 Feb 2003	10/364049		29 Jan 2008	7324488	A Method And System For Providing An Intelligent Concentrator Communicatively Coupled To A Network By A Wireless Mode
United States of America	03 Jul 2002	10/189210		29 Jan 2008	7325048	METHOD FOR AUTOMATICALLY CREATING A MODEM INTERFACE FOR USE WITH A WIRELESS DEVICE
United States of America	31 May 2003	10/448958		12 Feb 2008	7330453	SYSTEM AND METHOD FOR INTEGRATING CALL CONTROL AND DATA NETWORK ACCESS COMPONENTS
United States of America	10 Jul 2001	09/901010		04 Mar 2008	7340515	Optimisation of Network Configuration
United States of America	22 Jan 2002	10/054422		04 Mar 2008	7340536	Method and Apparatus For Determining Unmanaged Network Devices in the Topology of a Network

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	11 Jan 2005	11/032762		25 Mar 2008	7349335	Packet Metering In High-speed Network Units
United States of America	06 Dec 2001	10/016558		25 Mar 2008	7350076	SCHEME FOR SCALABLE DEVICE AND USER AUTHENTICATION WITH KEY DISTRIBUTION IN A WIRELESS NETWORK
United States of America	05 Feb 2003	10/358872		15 Apr 2008	7359326	Method for Splitting Data and Acknowledgments in a TCP Session
United States of America	27 Feb 2003	10/375709		15 Apr 2008	7359370	Method of Communicating Between Network Devices Through Gateways Using Call Discrimination Options
United States of America	17 Jun 2003	10/464292		22 Apr 2008	7362750	Switch Module Architecture
United States of America	03 Apr 2001	09/824241		29 Apr 2008	7366168	TCP Control Packet Differential Service
United States of America	02 Jul 2001	09/897525		10 Jun 2008	7385939	Network Management Apparatus and Method for Determining the Topology of a Network
United States of America	14 Dec 2004	11/014099		10 Jun 2008	7386103	Method and system for providing prompt navigation in interactive voice response (IVR) system
United States of America	13 May 2004	10/845449		10 Jun 2008	7386119	Filtered Transmit Cancellation in a Full-Duplex Modem Data Access Arrangement (DAA)
United States of America	30 Dec 2002	10/334702		24 Jun 2008	7391784	Method and System for Communicating State Information Between Devices of a Communications Network
United States of America	21 Feb 2002	10/080931		24 Jun 2008	7392518	A Robust Remote Flash ROM Upgrade System And Method
United States of America	07 Jan 2004	10/751930		22 Jul 2008	7403484	Switching Fabrics And Control Protocols For Them
United States of America	30 Jun 2003	10/610521		26 Aug 2008	7417988	METHOD AND SYSTEM FOR NETWORK BASED CALL-PICKUP
United States of America	06 Jun 2003	10/456702		02 Sep 2008	7420968	High-Speed Switch Architecture
United States of America	15 Feb 2002	10/077824		09 Sep 2008	7424532	A Method And System For Automatic Network Resource Selection And Configuration In A Network Environment
United States of America	19 Jun 2003	10/465282		07 Oct 2008	7433918	Computer Network And Method Of Operating Same To Preload Content Of Selected Web Pages
United States of America	12 Dec 2003	10/734560		21 Oct 2008	7440440	METHOD AND SYSTEM FOR DEVICE-BASED CALL PARK AND PICK-UP
United States of America	21 Oct 2003	10/690074		21 Oct 2008	7440442	Ip-based Enhanced Emergency Services Using Intelligent Client Devices
United States of America	02 Feb 2004	10/770065		04 Nov 2008	7447728	Method And Apparatus Supporting Network Communications
United States of America	31 May 2000	09/584516		11 Nov 2008	7450560	Method For Address Mapping In A Network Access System and A Network Access Device For Use Therewith
United States of America	07 Mar 2006	11/371213		11 Nov 2008	7451220	METHOD AND SYSTEM FOR PROVIDING SECURE USER ACCESS TO PUBLIC OR PRIVATE TELEPHONE AND INTERNET SYSTEMS
United States of America	15 Dec 2003	10/735982		18 Nov 2008	7453815	Method and System for Monitoring and Management of the Performance of Real-Time Networks
United States of America	15 Nov 2001	10/002832		02 Dec 2008	7460533	System and Method for Multi-Casting Announcements
United States of America	04 Feb 1999	09/245442		02 Dec 2008	7460534	Method For Statistical Switching
United States of America	10 Sep 2002	10/243642		09 Dec 2008	7463620	ARCHITECTURE AND METHOD FOR CONTROLLING FEATURES AND SERVICES IN PACKET-BASED NETWORKS
United States of America	22 Dec 2003	10/744974		09 Dec 2008	7463654	Stackable Routers Employing A Routing Protocol

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United States of America	09 Aug 2000	09/634185		09 Dec 2008	7463732	Self Service Data Interface And Flexible Data Outlet
United States of America	13 May 2004	10/845382		20 Jan 2009	7480260	Method and Apparatus for Implementing a Presence-Based Universal Camp-On Feature In Packet-Based Telephony Systems
United States of America	22 Feb 2005	11/064227		20 Jan 2009	7480299	Rules Engine for Access Control Lists in Network Units
United States of America	22 Feb 2005	11/064258		20 Jan 2009	7480300	Content Addressable Memory organized to share entries between different entities such as ports of a network Unit
United States of America	08 Apr 2003	10/409294		20 Jan 2009	7480723	Method and System For Providing Directory Based Services
United States of America	06 Jul 2003	09/900617		20 Jan 2009	7480939	Enhancement To Authentication Protocol That Uses A Key Lease
United States of America	20 Dec 2004	11/018712		27 Jan 2009	7483394	SYSTEM AND METHOD FOR AUTOMATICALLY MANAGING A NETWORK PORT BASED ON A CALENDAR FUNCTION
United States of America	09 Jul 2004	10/886575	20060036765	27 Jan 2009	7483999	Distributed Bridging With Synchronization Of Forwarding
United States of America	13 Mar 2003	10/389518		10 Feb 2009	7490155	Management and Control for Interactive Media Sessions
United States of America	30 Nov 2000	09/727982		31 Mar 2009	7512685	A METHOD AND SYSTEM FOR IMPLEMENTING WIRELESS DATA TRANSFERS BETWEEN A SELECTED GROUP OF MOBILE COMPUTING DEVICES
United States of America	18 Nov 2003	10/715589		14 Apr 2009	7519168	Host Computer Digital Signal Processing System For Communicating Over Voice Grade Telephone Channels
United States of America	07 Jan 2003	10/337299		21 Apr 2009	7522589	Network Units For Use In And Organisation Of Cascade Systems
United States of America	28 Feb 2003	10/376930		21 Apr 2009	7522614	Multi-Service Access Platform for Telecommunications and Data Networks
United States of America	05 Oct 2004	10/959621		28 Apr 2009	7526081	Telephone Recording And Storing Arbitrary Keystrokes Sequence With Replay With A Single Stroke
United States of America	17 May 2004	10/847596		05 May 2009	7529229	Converged Home Gateway
United States of America	21 Feb 2006	11/358384	20070195503	12 May 2009	7532474	Apparatus for Dissipating Heat from Electronic Components In an Enclosed Housing
United States of America	02 May 2005	11/120445		12 May 2009	7532618	Performing Operations On IP Telephony Devices From A Remote Client
United States of America	31 Mar 2003	10/403546		16 Jun 2009	7548579	Symbol Spreading Method and Device for OFDM Systems
United States of America	11 Aug 2004	10/916070		30 Jun 2009	7555751	Method and System for Performing a Live System Upgrade
United States of America	06 Nov 2002	10/289948		21 Jul 2009	7564835	System and Method for Maximizing the Use of Bandwidth Optimization Techniques in Voice-Over Packet Connections
United States of America	22 Aug 2002	10/225986		21 Jul 2009	7564861	SYSTEMS AND METHODS FOR COMPRESSING DATA
United States of America	23 Jan 2006	11/337777	20060146738	04 Aug 2009	7570608	Echo Canceller Disabler for Modulated Data Signals
United States of America	28 Apr 2004	10/834418		11 Aug 2009	7573873	Internet Telephony Using Network Address Translation
United States of America	29 Aug 2001	09/942789		18 Aug 2009	7577857	High Speed Network Preface With Automatic Power Management With Auto-negotiation
United States of America	29 Jul 2005	11/192771	20060259963	01 Sep 2009	7584299	Deployment Algorithm for Bulk VPN Deployment
United States of America	29 Jul 2005	11/192774	20060248229	29 Sep 2009	7596614	Network Service Provisioning Using DHCP Snooping
United States of America	09 May 2000	10/019988		13 Oct 2009	7603408	Method And System For Network Management

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	26 Nov 2002	10/304218		13 Oct 2009	7603486	System For Providing Logic Signals Over Communication Lines
United States of America	29 Jun 2004	10/880586		03 Nov 2009	7613170	Method And Apparatus For Psdn-based IP Active Call Recovery And Re-routing
United States of America	28 Aug 2008	12/200084	20090063669	03 Nov 2009	7613771	Computer Network And Method Of Operating Same To Preload Content Of Selected Web Pages
United States of America	01 Mar 2002	10/090543		24 Nov 2009	7624434	SYSTEM FOR PROVIDING FIREWALL TO A COMMUNICATION DEVICE AND METHOD AND DEVICE OF SAME
United States of America	19 Apr 2004	10/827009		15 Dec 2009	7634577	Media Gateway Proxy
United States of America	19 Mar 2004	10/804927		02 Feb 2010	7657926	ENABLING NETWORK COMMUNICATION FROM ROLE BASED AUTHENTICATION
United States of America	28 Jun 2004	10/876654	20050198373	09 Feb 2010	7660323	Cascade Control System for Network Units
United States of America	28 Apr 2000	09/560581		09 Feb 2010	7660408	An Attenuation And Termination Circuit Using Impedance Synthesis
United States of America	27 Apr 2004	10/832698		09 Feb 2010	7660990	METHOD FOR ESTABLISHING SECURE AD HOC WIRELESS LAN NETWORKS
United States of America	22 Feb 2005	11/064257		02 Mar 2010	7672941	Pattern matching using deterministic finite automata and organization of such automata
United States of America	09 Aug 2000	09/635275		02 Mar 2010	7673034	SELF SERVICE DATA INTERFACE
United States of America	02 Jul 2001	09/897518		02 Mar 2010	7673035	Apparatus and Method for Processing Data Relating to Events on a Network
United States of America	30 Jan 2003	10/956704		23 Mar 2010	7684383	Method and System for Dynamic Call Type Detection for Circuit and Packet Switched Networks
United States of America	15 Sep 2006	11/521785	20080069336	13 Apr 2010	7697679	TELEPHONE SET HAVING A HANDSET WITH AN INTEGRATED POINTING DEVICE
United States of America	28 Mar 2001	09/818670	20020101867	20 Apr 2010	7701941	Network Switch With Mutually Coupled Look-up Engine And Network Processor
United States of America	10 Apr 2002	10/120152		20 Apr 2010	7702726	System And Methods For Providing Presence Services In IP Network
United States of America	08 Aug 2005	11/199951		20 Apr 2010	7702903	A LICENSE RE-ALLOCATION SYSTEM AND METHOD
United States of America	29 Oct 1999	09/430267		27 Apr 2010	7706362	A Method and Apparatus for Selection of an Endpoint Device in a Point to Point Link
United States of America	24 Jan 2005	11/041629	20060167843	27 Apr 2010	7707217	Trile Search Engines And Ternary CAM Used As Pre-classifier
United States of America	18 Jan 2006	11/334136		04 May 2010	7711744	Simple and Fast Directory Search with Reduced Keystrokes and Reduced Server Calls
United States of America	16 Nov 2007	11/941316	20080069100	18 May 2010	7720066	System and method for distributed multicast routing
United States of America	27 Aug 2002	10/228488		25 May 2010	7724740	Computer System And Network Interface Supporting Class Of Service Queues
United States of America	01 Jul 2002	10/186810		08 Jun 2010	7733904	System And Method For Roaming Between Wireless Networks
United States of America	07 Oct 2002	10/265852		08 Jun 2010	7734789	Method And Device For Tunnel Switching
United States of America	17 Mar 2003	10/390052		29 Jun 2010	7746834	Method of Dynamically Locating and Connecting to a Wireless Device
United States of America	29 Jul 2005	11/192772	20060251075	29 Jun 2010	7746860	Testing Applications or Devices in Large Networks
United States of America	07 Feb 2006	11/348818	20070126266	10 Aug 2010	7773739	Self-configurable Telephony Architecture
United States of America	22 Feb 2005	11/064225	20060174107	21 Sep 2010	7802094	Method For Reducing The Number Of False Positives Signature Matches In An Intrusion Detection System

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United States of America	03 May 2005	11/121231	20060218390	19 Oct 2010	7818564	Deciphering Of Fragmented Enciphered Packets
United States of America	27 Oct 2005	11/260728	20070101133	02 Nov 2010	7827398	Method For Offloading Encryption And Decryption Of A Message Received At A Message Server To Remote End Devices
United States of America	28 Feb 2005	11/069798	20060174108	30 Nov 2010	7843910	Deciphering Encapsulated And Enciphered UDP Datagrams
United States of America	16 Jul 2008	12/174043	20080298361	28 Dec 2010	7860089	METHOD AND SYSTEM FOR NETWORK BASED CALL-PICKUP
United States of America	27 Jul 2001	09/916715		28 Dec 2010	7860120	Network Interface Supporting Of Virtual Paths For Quality Of Service With Dynamic Buffer Allocation
United States of America	01 Feb 2007	11/670316	20080187129	28 Dec 2010	7860236	Method And System For Echo Cancellation In A Network Switch
United States of America	27 Aug 2002	10/228492		22 Feb 2011	7894480	Computer System And Network Interface With Hardware Based Rule Checking For Embedded Firewall
United States of America	27 Oct 2008	12/258573	20090052465	01 Mar 2011	7898077	Method And Apparatus For Supporting Network Communications
United States of America	08 Dec 2008	12/329776	20090129398	29 Mar 2011	7916757	Stackable Routers Employing A Routing Protocol
United States of America	10 Feb 2006	11/352144	20070201444	29 Mar 2011	7916843	Digital Telephone Data And Control Signal Transmission System
United States of America	18 May 2005	11/133059	20060227787	07 Jun 2011	7957390	Detection Of Signatures In Disordered Message Segments
United States of America	17 Dec 2007	11/957918	20080107094	28 Jun 2011	7969956	SYSTEM AND METHOD FOR INTEGRATING CALL CONTROL AND DATA NETWORK ACCESS COMPONENTS
United States of America	17 May 1993	29/008376		24 Jan 1995	D354271	Fiber Optic Interchangeable Transceiver Module
United States of America	17 May 1993	29/008481		24 Jan 1995	D354732	Fiber Optic Interchangeable Transceiver Module
United States of America	17 May 1993	29/008481		24 Jan 1995	D354732	Fiber Optic Interchangeable Transceiver Module
United States of America	17 May 1993	29/008481		24 Jan 1995	D354732	Fiber Optic Interchangeable Transceiver Module
United States of America	17 May 1993	29/008481		24 Jan 1995	D354732	Fiber Optic Interchangeable Transceiver Module
United States of America	22 Mar 1997	08/823028				High Speed Data Communications System
United States of America	24 Sep 1997	29/077033		20 Oct 1998	D399827	Dual RJ11 Connector (Design)
United States of America	21 Oct 1997	29/078195		04 Aug 1998	D396716	Speakerphone
United States of America	21 Oct 1997	29/078333		20 Oct 1998	D399842	Speaker phone
United States of America	27 Feb 1998	29/084316		29 Dec 1998	D403321	Telephone Console
United States of America	30 Mar 1998	09/050663				User Priority Mapping To ATM Data Traffic QOS
United States of America	31 Mar 1999	09/282665				System And Method For Facilitating Aggregation Of Communication Channels
United States of America	07 May 1999	29/104557		11 Jan 2000	D418843	Desktop Modem Enclosure (Design)
United States of America	30 Aug 1999	29/110078		29 Aug 2000	D430150	Liquid Crystal Display For A Modem Enclosure
United States of America	07 Oct 1999	09/414429				Method Of Forwarding IP And Non-ip Multicast Traffic In LAN Emulation Asynchronous Transfer Mode Networks
United States of America	07 Dec 1999	09/457229				Object Oriented System Architecture For Network ASIC Verification

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United States of America	20 Jan 2000	29/117243		26 Mar 2002	D454861	Antenna
United States of America	20 Mar 2000	29/120479		06 Mar 2001	D438524	Telephone Base
United States of America	29 Jun 2000	09/608450				A Personal agent server architecture for wireless communication systems
United States of America	30 Jun 2000	29/125855		15 May 2001	D442174	Internet Appliance Device
United States of America	30 Jun 2000	29/125898		29 May 2001	D442952	Internet Appliance Device Housing
United States of America	30 Jun 2000	29/125875		29 May 2001	D442943	Speaker Deck For Internet Appliance Device
United States of America	30 Jun 2000	29/125905		20 Aug 2002	D461813	Concave Push-Button
United States of America	30 Jun 2000	29/125901		07 Aug 2001	D446212	Stylus
United States of America	01 Sep 2000	29/129001		28 Aug 2001	D447130	Radio
United States of America	08 Sep 2000	29/129244		05 Mar 2002	D454125	Antenna Design
United States of America	08 Sep 2000	29/129288		15 May 2001	D442177	Computer Keyboard (Design)
United States of America	15 Sep 2000	09/662534				Discovering Non Managed Devices In A Network Such As A LAN Using HTTP
United States of America	20 Sep 2000	29/129737		04 Sep 2001	D447478	Case For Handheld Computer System
United States of America	20 Sep 2000	29/129721		27 Nov 2001	D451091	Bezel for a Telephone Base
United States of America	20 Sep 2000	29/129719		20 Nov 2001	D450687	Scroll Wheel for a Telephone Base
United States of America	21 Sep 2000	29/129818		13 Aug 2002	D463466	Enclosure For Electronic Circuitry
United States of America	10 Oct 2000	29/130851		04 Dec 2001	D451501	PCMCIA CARD WITH EXTENDABLE ANTENNA
United States of America	08 Jan 2001	29/135211		22 Oct 2002	D464623	Adapter (Design)
United States of America	16 May 2001	29/141949		08 Jan 2002	D452863	Communications Card With Receptacle For Receiving A RJ-Type Connector Plug
United States of America	28 Sep 2001	29/148797		19 Nov 2002	D465772	Printed Circuit Board
United States of America	28 Sep 2001	29/148798		26 Nov 2002	D466095	Electronic Extender
United States of America	05 Oct 2001	09/973166				Service Deployment Control Mechanism
United States of America	26 Oct 2001	10/016597	20040015940			INTELLIGENT DEVICE UPGRADE ENGINE
United States of America	02 Nov 2001	10/004316		19 Jul 2011	7984110	Method And System For Load Balancing
United States of America	25 Jun 2002	10/179496				Method And Apparatus For Managing Data Traffic Associated With A User On A Network
United States of America	15 Jul 2002	10/195877				NETWORK BASED SOFTWARE AGENT TO ALLOW DYNAMIC RESOURCE ACCESS
United States of America	19 Sep 2002	10/246827				INTELLIGENT WIRELESS ACCESS POINT SELECTION
United States of America	25 Sep 2002	10/254395				EFFICIENT ESTABLISHMENT OF WIRELESS CONNECTIONS
United States of America	25 Feb 2003	10/374826		06 Sep 2011	8014339	Methods For Providing Universal Network Access Within A Wireless Communication System

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	30 May 2003	10/449816	20040068535	09 Aug 2011	7996588	Method And Apparatus For Real-time Transport Of Multi-media Information In A Network
United States of America	25 Sep 2003	10/671375				SYSTEM AND METHOD FOR NETWORK BASED POLICY ENFORCEMENT OF INTELLIGENT-CLIENT FEATURES
United States of America	30 Oct 2003	10/696922				Method And System For Facilitating Real-time Monitoring Of Voice Messages Being Left At A Messaging Platform
United States of America	28 Apr 2004	10/833875				METHOD AND APPARATUS FOR MONITORING SOFTWARE STATUS
United States of America	25 May 2004	10/854038				Automatic Redirection Of Fax Calls To A Messaging System
United States of America	01 Jul 2004	10/883148				Method and system for selecting a data compression technique for data transfer through a data network
United States of America	09 Sep 2004	10/938292				A Communication Device Ingress Information Management System And Method
United States of America	11 Mar 2005	11/078017				Method And System For Providing Pass Through Web Configuration On An Internet Protocol (IP) Telephone
United States of America	11 Mar 2005	11/078955				Method And System For Providing Voice Assisted Configuration On An Internet Protocol (IP) Telephone
United States of America	03 May 2005	11/121192	20060203816			Packet Diversion In Switching Fabrics And Multiple Forwarding Instructions For Packets
United States of America	18 May 2005	11/133040	20060168322			Network Management Apparatus And Method For The Configuration Of Network Devices
United States of America	15 Jun 2005	11/153673				System And Method For Generating Comfort Noise
United States of America	27 Oct 2005	11/260785	20070115926			A System And Method For Receiving A User Message At A Packet-network Telephone
United States of America	08 Nov 2005	11/269330	20070106683			Distributed Database
United States of America	03 Jan 2006	11/324638	20070153770	12 Jul 2011	7978686	System And Method For Feature-based Services Control Using SIP
United States of America	27 Feb 2006	11/363422				METHOD AND APPARATUS FOR EXCHANGING SRTP KEYS OVER AN UNSECURED SIGNALING CHANNEL
United States of America	21 Sep 2006	11/524763	20080043963			Telephone Call Chaining
United States of America	08 Dec 2006	11/636340	20070189273			Bi-planar Network Architecture
United States of America	21 Dec 2006	11/643553	20080151754			Network Traffic Redirection In Bi-planar Networks
United States of America	01 May 2007	11/742640	20080273040			Efficient Selective Updating Of Multiple-region Flexible Displays
United States of America	31 May 2007	11/756022	20080005361			Apparatus And Method For Accessing Command Line Interface Information From A Device
United States of America	31 Aug 2007	11/848302	20080059464			Header DFA And Header DFA Graph + Header DFA Prior To Pattern Matching (combining Two Ideas In JH 2/10/05 Email)
United States of America	19 Sep 2007	11/857512	20080037531			Cascade System For Network Units
United States of America	25 Oct 2007	11/923869	20080101371			Signature Checking Using Deterministic Finite State Machines
United States of America	20 Nov 2007	11/943297		20 Sep 2011	8023495	Method and System for WLAN Synchronization
United States of America	05 Dec 2007	11/950830	20080207129			METHODS FOR DISCOVERING DEVICES WITHIN A WIRELESS NETWORK
United States of America	14 May 2008	12/120377	20090285091			Open Network Connection

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United States of America	17 Jun 2008	12/140326	20080279106			Switching Fabrics And Control Protocols For Them
United States of America	01 Aug 2008	12/184693	20100012865			Electron Beam Switch
United States of America	28 Aug 2008	12/199929	20100057912			Method For Implementing Network Resource Access Functions Into Software Applications
United States of America	05 Sep 2008	12/204837	20090005335	27 Sep 2011	8027333	ip-based Enhanced Emergency Services Using Intelligent Client Devices
United States of America	10 Oct 2008	12/249244	20100091782			Method And System For Controlling A Delay Of Packet Processing Using Loop Paths
United States of America	05 Jan 2009	12/348697				Intelligent Power Management of an Intermediate Network Device Switching Circuitry and PoE Delivery
United States of America	12 Jan 2009	12/352207	20090119898			SYSTEM AND METHOD FOR AUTOMATICALLY MANAGING A NETWORK PORT BASED ON A CALENDAR FUNCTION
United States of America	16 Feb 2009	12/371763	20100207449	19 Jul 2011	7982336	Power Sharing With Stackable Switches
United States of America	13 Mar 2009	12/403478	20090175270			Telephone Recording And Storing Arbitrary Keystrokes Sequence With Replay With A Single Stroke
United States of America	03 Apr 2009	12/417925	20090245239			Performing Operations On IP Telephony Devices From A Remote Client
United States of America	14 Apr 2009	12/423690				Computer System And Network Interface With Hardware Based Packet Filtering And Classification
United States of America	02 Jun 2009	12/476482	20090323675			Method For Implementing Distributed Voice Functions Into Software Applications
United States of America	20 Jul 2009	12/505590	20090300392			AN INTEGRATED CIRCUIT HAVING A NETWORKING INTERFACE MODULE SUPPORTING A PLURALITY OF PROTOCOLS
United States of America	18 Aug 2009	12/543069	20090300178	05 Jul 2011	7975048	Network Including Snooping
United States of America	17 Sep 2009	12/561457	20100011089			Computer Network And Method Of Operating Same To Preload Content Of Selected Web Pages
United States of America	23 Sep 2009	12/565017	20100061228	02 Aug 2011	7990955	Method And Apparatus For Pstn-based IP Active Call Recovery And Re-routing
United States of America	15 Dec 2009	12/638954	20110142062			Iscsi To Fcoe Gateway
United States of America	17 Dec 2009	12/640195	20100095366			ENABLING NETWORK COMMUNICATION FROM ROLE BASED AUTHENTICATION
United States of America	21 Dec 2009	12/642942	20100100738			METHOD FOR ESTABLISHING SECURE AD HOC WIRELESS LAN
United States of America	22 Dec 2009	12/644201	20100139056			An Attenuation And Termination Circuit Using Impedance Synthesis
United States of America	23 Dec 2009	12/645548	20100100616			Method And Apparatus For Controlling Traffic Between Different Entities On A Network
United States of America	04 Jan 2010	12/651855	20100107226			System And Methods For Providing Presence Services In IP Network
United States of America	22 Feb 2010	12/710223	20110209215			Intelligent Network Security Resource Deployment System
United States of America	02 Mar 2010	12/715720	20100158028			Network Switch With Mutually Coupled Look-up Engine And Network Processor
United States of America	09 Apr 2010	12/757294	20100191865			Computer System And Network Interface Supporting Class Of Service Queues
United States of America	23 Apr 2010	12/766292	20100272121			System And Method For Roaming Between Wireless Networks
United States of America	11 Sep 2001	09/950555		24 Aug 2004	6782389	Distributing Files Across Multiple Permissibly Heterogeneous Storage Devices

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United States of America	29 Apr 2003	10/425927				Access Control And Authorization In A Distributed Segmented File System
United States of America	29 Apr 2003	10/425550		29 Jul 2008	7406484	Storage Allocation In A Distributed Segmented File System
United States of America	28 Apr 2004	10/833924		30 Sep 2008	7430570	Shadow Directory Structure In A Distributed Segmented File System
United States of America	28 Apr 2004	10/833555		09 Jun 2009	7546319	File System Consistency Checking In A Distributed Segmented File System
United States of America	14 Jun 2005	11/152996		09 Dec 2008	7464125	Checking The Validity Of Blocks And Backup Duplicates Of Blocks During Block Reads
United States of America	22 Dec 2006	11/615534		19 Jan 2010	7650341	Data Backup Recovery
United States of America	16 Feb 2007	11/676136		15 Feb 2011	7890529	Delegations And Caching In A Distributed Segmented File System
United States of America	30 May 2007	11/755649	20070226391	03 Aug 2010	7769711	Migration Of Control In A Distributed Segmented File System
United States of America	02 Jul 2007	11/772800		16 Nov 2010	7836017	File Replication In A Distributed Segmented File System
United States of America	20 Aug 2007	11/841552				Shadow Directory Structure In A Distributed Segmented File System
United States of America	21 Aug 2007	11/842919	20070288494			Distributing Files Across Multiple Permissibly Heterogeneous Storage Devices
United States of America	22 May 2008	12/125713	20080222223			Storage Allocation In A Distributed Segmented File System
United States of America	29 Sep 2008	12/240873				Shadow Directory Structure In A Distributed Segmented File System
United States of America	05 May 2009	12/435958				File System Consistency Checking In A Distributed Segmented File System
United States of America	08 May 2009	12/463339				File System Entity Replication In A Parallel Environment
United States of America	11 Jan 2010	12/685237	20100293137			METHOD AND SYSTEM FOR JOURNALING DATA UPDATES IN A DISTRIBUTED FILE SYSTEM
United States of America	02 May 1994	08/237498		03 Dec 1996	5581764	Distributed Computer Network Including Hierarchical Resource Information Structure And Related Method Of Distributing Resources
United States of America	26 Nov 1997	08/979083		18 Sep 2001	6292889	Distributed Computer Network Including Hierarchical Resource Information Structure And Related Method Of Distributing Resources
United States of America	08 Apr 1999	09/289150		08 Oct 2002	6463583	Dynamic Injection Of Execution Logic Into Main Dynamic Link Library Function Of The Original Kernel Of A Windowed Operating System
United States of America	08 Apr 1999	09/289149		15 Apr 2003	6550060	Method And System For Dynamic Injection Of Dynamic Link Libraries Into A Windowed Operating System
United States of America	07 Feb 2000	09/499423		17 Aug 2004	6779187	Method And System For Dynamic Injection Of Dynamic Link Libraries Into A Windowed Operating System
United States of America	16 Apr 2004	10/826481	20040210653			Method And System For Patch Management
United States of America	24 Nov 2004	10/578091	20080046708	21 Sep 2010	7802084	System And Method For Management And Installation Of Operating System Images For Computers
United States of America	25 Aug 2010	12/868327	20100325410			System And Method For Management And Installation Of Operating System Images For Computers
United States of America	20 Sep 1999	09/399373		23 Jul 2002	6424929	Method For Detecting Outlier Measures Of Activity
United States of America	06 Mar 2003	10/506815	20050198323			Method And System For A Network Management Console
United States of America	20 Sep 2002	10/251689		12 Dec 2006	7149853	System And Method For Synchronization For Enforcing Mutual Exclusion Among Multiple Negotiators

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
United States of America	20 Sep 2002	10/251626		19 Sep 2006	7111197	Journaling Mechanism With Efficient, Selective Recovery For Multi-node Environments
United States of America	20 Sep 2002	10/251690	20030065760	24 Feb 2009	7496646	System And Method For Management Of A Storage Area Network
United States of America	20 Sep 2002	10/251894	20030065672	03 Jul 2007	7240057	System And Method For Implementing Journaling In A Multi-node Environment
United States of America	20 Sep 2002	10/251895	20030065686	14 Oct 2008	7437385	System And Method For A Multi-node Environment With Shared Storage
United States of America	20 Sep 2002	10/251893	20030079155	04 Sep 2007	7266722	Fast Lock Recovery: A Method For Efficient On-line Lock Recovery In A Highly Available Matrix Processing System
United States of America	04 Aug 2006	11/499907	20070033436	16 Dec 2008	7467330	System And Method For Journal Recovery For Multinode Environments
United States of America	18 May 1993	08/063252		21 Jun 1994	5323463	METHOD AND APPARATUS FOR CONTROLLING SPECTRAL CONTENT OF A DATA STREAM
United States of America	30 May 2007	11/755649	20070226331	09 Aug 2010	7769711	Migration Of Control In A Distributed Segmented File System
United States of America	18 Aug 2009	12/543069	20090300178	05 Jul 2011	7975048	Network Including Snooping
United States of America	27 Nov 2002	10/306972	20040037258	18 Apr 2006	7031336	Space Time Power Scheduling For Wireless Networks
United States of America	08 Dec 2003	10/730649	20050122999	29 Apr 2008	7366202	System And Method For Interference Mitigation For Wireless Communication
United States of America	08 Jul 2004	10/887321	20050030929	14 Aug 2007	7257107	Device And Method For Detecting Unauthorized "rogue" Wireless LAN Access Points
United States of America	09 Apr 2001	10/276334	20040215957	14 Sep 2010	7797530	Authentication And Encryption Method And Apparatus For A Wireless Local Access Network
United States of America	08 Jul 2003	10/615085				Implementing "all Wireless" Network Over Wi-Fi Equipment Using "scheduled TDMA"
United States of America	17 Mar 2004	10/803172		21 Sep 2010	7801490	Interference Based Scheduling Using Cognitive Radios
United States of America	26 Jan 2005	10/905922	20060165103			Configurable Quality Of Service Support Per Virtual Access Point (VAP) In A Wireless LAN (WLAN) Access Device
United States of America	14 Apr 2005	11/105652				System And Method For Providing HTML Authentication Using An Access Controller
United States of America	27 Oct 2005	11/259866	20060094371	31 Mar 2009	7512379	Wireless Access Point (AP) Automatic Channel Selection
United States of America	27 Oct 2005	11/259864	20060094369	10 Nov 2009	7616966	Determining Optimal Access Point Locations For Access Points That Perform Automatic Channel Selection And Automatic Power Adjustment
United States of America	27 Oct 2005	11/259865	20060094370	14 Apr 2009	7519385	Wireless Access Point (AP) Automatic Channel Selection And Automatic Power Adjustment
United States of America	14 Apr 2006	11/404309	20060182077	01 Feb 2011	7881313	Space-time-power Scheduling For Wireless Networks
United States of America	09 May 2006	11/430547	20060256763	18 Jan 2011	7873352	Fast Roaming In A Wireless Network Using Per STA Pairwise Master Keys Shared Across Participating Access Points
United States of America	28 Dec 2006	11/646904	20070153741	13 Sep 2011	8018900	Seamless Roaming Across Wireless Subnets Using Source Address Forwarding
United States of America	12 Dec 2007	11/955055	20080146240			Call Admission Control For Wi-Fi
United States of America	25 Apr 2008	12/109474	20080227401	03 Aug 2010	7769050	System And Method For Interference Mitigation For Wireless Communication
United Kingdom	02 May 1994	94918651.5		30 Jul 1997	696368	Method And Apparatus For Enterprise Desktop Management
Japan	02 May 1994	524646/94		10 Nov 2003	3465193	Method And Apparatus For Enterprise Desktop Management

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Country	Filing Date	App No.	Publication Number	Issue Date	Patent No.	App Title
Japan	20 Sep 2002	P2003-531367		23 Jan 2009	4249622	A System And Method For A Multi-node Environment With Shared Storage
Germany (Federal Republic of)	02 May 1994	94916651.6		30 Jul 1997	69404647.7	Method And Apparatus For Enterprise Desktop Management
European Patent	20 Sep 2002	02775933.1	1428151			Method For Implementing Journaling And Distributed Lock Management
European Patent	20 Sep 2002	02768873.8	1428149			A System And Method For A Multi-node Environment With Shared Storage
China	20 Sep 2002	02823231.3	1589448	06 Jun 2007	02823231.3	Method For Implementing Journaling And Distributed Lock Management
China	20 Sep 2002	02823098.1		28 Feb 2007	02823098.1	A System And Method For A Multi-node Environment With Shared Storage
Canada	20 Sep 2002	2460833				Method For Implementing Journaling And Distributed Lock Management
Canada	07 Jul 2004	2532120	2532120			Implementing A Wireless Network Over WiFi Equipment Using Scheduled TDMA
Canada	07 Dec 2004	2548998				System And Method For Interference Mitigation For Wireless Communication
Canada	25 Jan 2006	2533972	CA2533972			Configurable Quality Of Service Support Per Virtual Access Point (VAP) In A Wireless LAN (WLAN) Access Device
Canada	10 May 2006	2546543	CA2546543			Fast Roaming In A Wireless Network Using Per STA Pairwise Master Keys Shared Across Participating Access Points
Canada	29 Dec 2006	2572568	CA2572568			Seamless Roaming Across Wireless Subnets Using Source Address Forwarding

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