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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>Micron Electronics, Inc.</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: MEI California, Inc.</p> <p>Street Address: 1545 Barber Lane</p> <p>City: Milpitas State: California</p> <p>ZIP: 95035</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>() Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement</p> <p>() Merger () Change of Name</p> <p>() Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>March 22, 2001</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 12/640,681</p> <p>Filing Date: December 17, 2009</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995</p> <p>Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: MTIPAT.118CDDV1</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p>John R. King Name of Person Signing</p> <p>34,362 Registration No.</p> <p><i>John R. King</i> Signature</p> <p>2-22-10 Date</p> <p>Total number of pages including cover sheet, attachments and document: 15</p>	

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ASSIGNMENT

WHEREAS, **Micron Electronics, Inc.**, a Minnesota corporation having offices at 900 East Karcher Road, Nampa, Idaho 83687 (hereinafter "ASSIGNOR"), represents and warrants that it is the sole owner of the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has filed the following United States issued Letters Patents and applications for Letters Patents in the United States (hereinafter "the Patents and Patent Applications"):

Subject Patents - Appendix A**Subject Patent Applications - Appendix B**

WHEREAS, **MEI California, Inc.**, a California corporation having offices at 1545 Barber Lane, Milpitas, California 95035 (hereinafter "ASSIGNEE") desires to purchase the entire right, title, and interest in and to the inventions disclosed in the Patents and Patent Applications;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) to ASSIGNOR, and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the said improvements, and the said Patents and Patent Applications and all Patents that may be granted thereon, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patents and Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for said improvements and all Letters Patents resulting from the Patents and Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said issued Letters Patents;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents and Patent Applications immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents and Patent Applications in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22nd day of March, 2001.

MICRON ELECTRONICS, INC.

By: Steve Arnold

Name Printed: Steven P. Arnold

Title: Vice President, Legal, General Counsel

Date: 3/22/01

Reviewed
MEL

[Signature]

STATE OF
COUNTY OF

} ss.

On March 22, 2001, before me, Vickie Darrow, personally appeared Steven P. Arnold of Micron Electronics, Inc. personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Vickie Darrow
Notary Signature

Appendix A

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No.	Docket Number	Inventor(s)	Patent Number	Issue Date	Title
1	91.00233.01	Canella, Stevenson, Charlton, Earnest	5,528,603	6/18/96	Apparatus And Method For Testing An Integrated Circuit Using A Voltage Reference Potential and A Reference Integrated Circuit
2	92.00674.02	Hank Gerdes	5,781,447	7/14/98	System For Recreating A Printed Circuit Board From Disjointly Formatted Data
3	93.00289.00	Canella, Farnsworth	5,510,723	4/23/96	Diced Semiconductor Device Handler
4	93.00289.01	Canella	5,648,728	7/15/97	Diced Semiconductor Device Handler
5	93.00289.02	Canella, Farnsworth	6,089,107	7/18/00	Process For testing A Semiconductor Device
6	93.00454.00	Chase Mart	5,440,519	8/8/95	Switched Memory Expansion Buffer
7	93.00454.01	Mart, Kledzik	5,563,838	10/8/96	Module Having Voltage Control Circuit To Reduce Surges In Potential
8	93.00547.01	Dean Klein	5,657,482	8/12/97	Automatic Clock Speed Sensing
9	93.00549.00	Dean Klein	5,685,012	11/4/97	System For Employing High Speed Data Transfer Between Host and Peripheral Via Host Interface Circuitry Utilizing An I/O Read Signal Driven By the Peripheral or the Host
10	93.00549.01	Dean Klein	5,809,338	9/15/98	System For Transferring A Plurality of Data Between A Peripheral and A Host Interface Utilizing Data Driving Circuitry Strobed By Host Interface or Peripheral
11	94.00467.00	Dean Klein	5,721,673	2/24/98	Socket For Retaining Multiple Electronic Packages
12	94.00467.01	Dean Klein	5,883,790	3/16/99	Socket For Retaining Multiple Electronic Packages
13	95.00022.00	Peterson, Farrel	6,021,452	2/1/00	Computer System Capable of Symmetrical Processing
14	95.00022.01	Peterson, Farrel	6,044,452	3/28/00	Method For Symmetrically Processing
15	95.00369.00	Dean Klein	5,724,260	3/3/98	Circuit For Monitoring The Usage of Components Within A Computer System
16	95.00369.01	Dean Klein	6,076,050	6/13/00	Circuit For Monitoring The Usage of Components With A Computer System
17	95.00370.00	Dean Klein	5,748,957	5/5/98	Computer System Usage Determination Based on Hard Drive Activity
18	95.00370.01	Dean Klein	5,951,700	9/14/99	Computer System Usage Determination Based on Hard Drive Activity
19	95.00371.00	Dean Klein	5,644,472	7/1/97	Variable Speed Controller
20	95.00371.01	Dean Klein	6,061,236	5/9/00	Computer Component Carrier That Directs Airflow to Critical Components
21	95.00541.00	Gregory Herrick	5,483,250	1/9/96	Projection Display System For A Laptop Computer or A Notebook Computer
22	95.00552.00	Dean Klein, Eric Anderson	5,671,439	9/23/97	Multi-Drive Virtual Mass Storage Device and Method of Operating Same
23	95.00557.00	Gregory Herrick	5,204,497	4/20/93	Computer Front Panel With Offset Airflow Louvers
24	95.00558.00	Thomas, Barry, Florn	5,206,790	4/27/93	Pivot and Swivel Mechanism For Laptop Display
25	95.00559.00	Dean Klein	5,255,109	10/19/93	Heat Dissipating LCD Display
26	95.00560.01	Gregory Herrick	5,278,351	1/11/94	Personal Computer Cabinet Cover With EMI Chips
27	95.00683.00	Ibarra	5,738,323	4/14/98	Positioner For Overhanging Components
28	95.00683.01	Ibarra	5,904,331	5/18/99	Positioner For Overhanging Components
29	95.00684.00	Canella	5,937,270	8/10/99	Method of Efficiently Laser Marking Singulated Semiconductor Devices
30	95.00684.01	Canella	5,986,235	11/16/99	Method of Efficiently Laser Marking Singulated Semiconductor Devices
31	95.00934.00	Rohwer	6,009,536	12/28/99	Method For Using Fuse Identification Codes For Masking Bad Bits On A Single In-Line Memory Module

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32	95.00934.01	Rohwer	5,913,020	6/15/99	Method For Using Fuse Identification Codes For Masking Bad Bits On A Single In-Line Memory Modules
33	95.01013.00	Dean Klein	5,905,901	5/18/99	Method For Adaptive Power Management of A Computer System
34	95.01013.01	Dean Klein	5,913,067	6/15/99	Apparatus For Adaptive Power Management of A Computer System
35	95.01014.00	Dean Klein	6,160,561	12/12/00	Method And Apparatus For Displaying Data on Video Display
36	95.01014.01	Dean Klein	6,104,373	8/15/00	Apparatus For Displaying Data on A Video Display
37	95.01015.00	Dean Klein	5,958,023	9/28/99	Method For Low Power Wireless Keyboard That Detects A Host Computer Query For The State of A Key Then Powers Up To Determine and Transmit Back the State of That Key
38	95.01015.01	Dean Klein	5,925,110	7/20/99	Lower Power Keyboard With Power Supply Switch That is Activated by Receiver Output To Power Up And Down Keyboard Components Including Microcontroller Demodulator and Modulator
39	95.01016.00	Dean Klein	5,958,065	9/28/99	Content Addressable Bit Replacement Memory
40	95.01016.01	Dean Klein	5,926,620	7/20/99	Content Addressable Bit Replacement Memory
41	95.01020.00	Dean Klein	6,065,069	5/16/00	Circuit To Sense and Switch Between An Internal and External Pointing Device
42	95.01021.00	Dean Klein	5,796,590	8/18/98	Assembly Aid For Mounting Packaged Integrated Circuit Devices To Printed Circuit Boards
43	95.01021.01	Dean Klein	5,930,889	8/3/99	Method For Mounting Packaged Integrated Circuit Devices to Printed Circuit Boards
44	95.01021.02	Dean Klein	6,084,781	7/4/00	Assembly Aid For Mounting Packaged Integrated Circuit Devices to Printed Circuit Boards
45	95.01133.00	Jeff Leyda	5,794,032	8/11/98	System For the Identification and Configuration of Computer Hardware Peripherals
46	95.01133.01	Jeff Leyda	5,867,730	2/2/99	Method For Configuration of Peripherals by Interpreting Response From Peripherals To Enable Selection of Driver File and Latering Configuration Filed to Enable Loading of Selected Driver File
47	95.01135.00	Mike Noll	5,793,943	8/11/98	System For A Primary Bios Rom Recovery In A Dual Bios Rom Computer System
48	95.01135.01	Mike Noll	5,835,695	11/10/98	Method For A Primary Bios Rom Recovery In A Dual Bios Rom Computer System
49	95.01135.02	Mike Noll	6,185,696	2/6/01	System For A Primary Bios Rom Recovery In A Dual Bios Rom Computer System
50	96.00030.00	Rondeau, Magee	5,661,677	8/26/97	Circuit and Method For On-Board Programming of PRD Serial EEPROMS
51	96.00030.01	Rondeau, Magee	5,859,792	1/12/99	Circuit For On-Board Programming of PRD Serial EEPROMS
52	96.00030.02	Rondeau, Magee	5,963,463	10/5/99	Method For On-Board Programming of PRD Serial EEPROMS
53	96.00138.00	Dean Klein	5,938,764	8/17/99	Apparatus For Improved Storage of Computer System Configuration Information
54	96.00225.00	Nasman	5,666,106	9/9/97	Accessway with Grounding Sensor
55	96.00415.00	Eric Anderson	6,003,130	12/14/99	Apparatus For Selecting, Detecting and/or Reprogramming System Bios In A Computer System
56	96.00415.01	Eric Anderson	6,161,177	12/12/00	Method For Selecting, Detecting and/or Reprogramming System Bios in a Computer System
57	96.00446.00	Dean Klein	5,941,989	8/24/99	Apparatus For Indicating Power-Consumption Status In A Computer System
58	96.00446.01	Dean Klein	5,996,079	11/30/99	Method For Indicating Power-Consumption Status In A Computer System
59	96.00447.00	Dean Klein	5,935,258	8/10/99	Apparatus For Allowing Data Transfers With A Memory Having Defective Storage Locations
60	96.00447.01	Dean Klein	5,925,138	7/20/99	Method For Allowing Data Transfers With A Memory Having Defective Storage Locations

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61	96.00450.00	Dean Klein	5,935,226	8/10/99	Method and Apparatus For Issuing Transaction Requests to A Target Device In Accordance Wit the State of Connection Between the Portable Computer and the Target Device
62	96.00450.01	Dean Klein	6,035,354	3/7/00	Method For Issuing Transaction Requests To A Target Device In Accordance With the State of Connection Between A Portable Computer and the Target Device
63	96.00586.00	Boe	5,731,525	3/24/98	Extraction Force Tester
64	96.00586.01	Boe	5,798,464	8/25/98	Method Of Measuring Extraction Forces
65	96.00586.02	Boe	6,014,901	1/18/00	Extraction Force Tester
66	96.00587.01	Jon Frank, Jeff Leyda, Bob Magetta	5,954,827	9/21/99	Method and System For Indicating Computer Status
67	96.00587.02	Jon Frank, Jeff Leyda, Bob Magetta	6,049,896	4/11/00	Method and System For Indicating Computer Status
68	96.00588.00	Frank, Johnson	5,877,956	3/2/99	System For Burning in and Diagnostically Testing A Computer
69	96.00588.02	Frank, Johnson	6,175,774	1/16/01	Method For Burning In And Diagnostically Testing A Computer
70	96.00589.00	Johnson, Larsen, Boe	5,813,246	9/29/98	Chambered Forced Cooling System
71	96.00589.01	Johnson, Larsen, Boe	5,860,291	1/19/99	Chambered Forced Cooling Method
72	96.00594.00	Johnson	5,683,159	11/4/97	Hardware Mounting Rail
73	96.00594.01	Johnson	5,806,949	9/15/98	Hardware Mounting Rail
74	96.00598.00	Canella, Ibarra	5,997,388	12/7/99	Apparatus For Removing Laser Marks From Integrated Circuit Devices
75	96.00598.01	Canella, Ibarra	5,938,508	8/17/99	Method For Removing Laser Marks From Integrated Circuit Devices
76	96.00601.00	Eric Anderson, Mike Noll	5,996,072	11/30/99	Method For Preserving and Displaying Text On A PC Bios Boot
77	96.00602.00	Robinson, Villa	5,836,575	11/17/98	Wafer Manual Handpick Station
78	96.00612.00	Dean Klein	6,011,541	1/4/00	Dual Pointing Device
79	96.00613.00	Dean Klein	6,014,141	1/11/00	Method and Apparatus For Selectively Displaying A Parameter in a Separate Panel
80	96.00616.00	Larsen	5,841,710	11/24/98	Dynamic Address Remapping Decoder
81	96.00616.01	Larsen	5,920,512	7/6/99	Dynamic Address Remapping Decoder
82	96.00618.00	James Meyer	6,061,822	5/9/00	IDE Controller Data Integrity Circuit For Raid 1 System
83	96.00618.01	James Meyer	5,953,352	9/14/99	Method of Checking Data Integrity For A Raid 1 System
84	96.00621.01	Boe	6,176,001	1/25/01	Method For Mounting Computer Components
85	96.00621.02	Boe	6,158,699	12/12/00	Apparatus For Mounting Computer Components
86	96.00626.00	Eric Anderson	5,974,546	10/26/99	Apparatus and Method To Determine Cause of Failed Boot Sequence To Improve Likelihood of Successful Boot Attempt
87	96.00633.00	Barrus	5,958,058	9/28/99	User-Selectable Power Management Interface With Application Threshold Warnings
88	96.00633.01	Barrus	6,192,480	2/20/01	Method of Managing Power For A Computer System and Generating Application Threshold Warnings
89	96.00642.01	Joe Jeddelloh	5,974,564	10/26/99	Method For Remapping Defective Memory Bit Sets To Non-Defective Memory Bit Sets
90	96.00645.00	Boe	5,960,522	10/5/99	RibbonCable Alligator Clamp
91	96.00645.01	Boe	5,937,745	8/17/99	Method of Clamping A Ribbon Cable
92	96.00648.00	Ibarra	5,895,019	4/20/99	Positioner For Overhanging Components
93	96.00649.00	Canella	6,112,940	9/5/00	Vertical Storage Bin For Thin Package Devices
94	96.00649.01	Canella	6,135,291	10/24/00	Vertical Magazine Method For Integrated Circuit Device Dispensing, Receiving, Storing, Testing or Binning
95	96.00651.00	Dean Klein	6,038,672	3/14/00	A Portable Computer With Low Power CD-Player Mode

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96	96.00653.00	Dean Klein	5,987,551	11/16/99	Attachment or Integration of A Bios Device Into A Computer System using A Local Bus
97	96.00653.01	Dean Klein	6,003,103	12/14/99	Method For Attachment or Integration of A Bios Device Into A Computer system Using A Local Bus
98	96.00655.00	Keith Paul	5,991,875	11/23/99	System Configuration Card
99	96.00655.01	Keith Paul	5,954,808	9/21/99	Method For Configuring A Computer-Based System With A Configuration Card
100	96.01999.00	Dean Klein	6,076,118	6/13/00	Attachment or Integration of A Bios Device Into A Computer System Using The System Memory Address and Data Bus
101	96.01999.01	Dean Klein	5,961,643	10/5/99	A Method For Attachment or Integration of a Bios Device Into A Computer System Using the System Memory Address and Data Bus
102	96.02000.00	Dean Klein	6,009,522	12/28/99	Attachment or Integration of A Bios Device Into A Computer System Using the Memory Data Bus
103	96.02000.01	Dean Klein	6,182,213	1/30/01	Method For Attachment or Integration of a bios Device Into A Computer System Using the System Memory Data Bus
104	97.00001.01	Parrish	5,936,380	8/10/99	Alternative Power For A Portable Computer Via Solar Cells
105	97.00006.00	Magette	6,031,715	2/29/00	Component Mounting Module For Printed Circuit Assemblies
106	97.00006.01	Magette	6,178,624	1/30/01	Method For Mounting A Component To A Printed Circuit Assembly
107	97.00008.00	Metivier	5,893,450	4/13/99	Roller Conveyor Cleaning Apparatus
108	97.00008.01	Metivier	5,884,751	3/23/99	A Method For Cleaning The Rollers of A Roller Conveyor
109	97.00009.00	Johnson, Schaff	5,986,883	11/16/99	Apparatus For Cooling Central Processing Units In Personal Computers
110	97.00010.00	Boe	6,049,963	4/18/00	Method For Mounting An Element
111	97.00013.00	Canella	6,121,067	9/19/00	Method For Additive De-Marking of Packaged Integrated Circuits and Resulting Packages
112	97.00013.01	Canella	6,200,386	3/13/01	Apparatus For Additive De-Marking of Packaged Integrated Circuits
113	97.00015.00	Charlton, Ochoa	6,161,052	12/12/00	A Method For Identifying A Component With Physical Characterization
114	97.00023.00	Dean Klein; Greg Stevenson	6,064,303	5/16/00	Personal Computer-Based Home Security System
115	97.00023.01	Dean Klein; Greg Stevenson	6,107,918	8/22/00	Method For Personal Computer-Based Home Surveillance
116	97.00025.00	Fleming	6,031,894	2/29/00	Method and Apparatus For Locating A Stolen Electronic Device Using Automatic Number Identification
117	97.00026.00	Fleming	6,052,782	4/18/00	Method For Locating A Stolen Electronic Device Using Electronic Mail
118	97.00026.01	Fleming	6,128,739	10/3/00	Apparatus For Locating A Stolen Electronic Device Using Electronic Mail
119	97.00033.00	Brunelle	5,937,022	8/10/99	Parts Counting Apparatus
120	97.00033.01	Brunelle	5,933,470	8/3/99	A Method For Counting Parts
121	97.00034.00	Ruckdashel	6,038,542	3/14/00	System For Notifying An Individual of a Previously Scheduled Event
122	97.00034.01	Ruckdashel	6,144,942	11/7/00	Method For Notifying An Individual of a Previously Scheduled Event
123	97.00066.01	Cowan	6,098,182	8/1/00	Apparatus For Monitoring Tests Run On A Personal Computer
124	97.00068.00	Hinrich, Doan, Cowan, McGill, Raburn, Johnson	5,946,695	8/31/99	A Method For Providing A User With Parameter-Specific Information
125	97.00068.01	Hinrich, Doan, Cowan, McGill, Raburn, Johnson	6,026,431	2/14/00	A System For Providing A User With Parameter-Specific Information
126	97.00071.00	Price, Travis	6,119,994	9/19/00	Device For Supporting A First Computer Component Relative To A Second Computer Component

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127	97.00071.01	Price, Travis	6,082,692	7/4/00	Method For Supporting A First Computer Component Relative To A Second Computer Component
128	97.00176.00	Dean Klein; Hoyt Fleming	6,163,326	12/19/00	Input Device For A Laptop Computer
129	97.00203.00	Brunelle	5,998,751	12/7/99	Sorting System For Computer Chips
130	97.00203.01	Brunelle	5,996,996	12/7/99	Method of Sorting Computer Chips
131	97.00283.00	Ruckdashel	6,018,800	1/25/00	Security Mechanism For A Computer System
132	97.00284.00	Howell	6,091,402	7/18/00	A Foot Operated Input Device
133	97.00285.00	Dean Klein	6,078,973	6/20/00	Apparatus For Modem Interface In A Computer System
134	97.00285.01	Dean Klein	6,134,609	10/17/00	Method For Using Computer System Memory As A Modem Data Buffer
135	97.00287.00	Boe	6,178,611	1/30/01	Apparatus For Installing A Clip
136	97.00288.00	Dean Klein	6,106,566	8/22/00	Upgradeable Electronic Module and System using Same
137	97.00288.01	Dean Klein	6,044,427	3/28/00	Upgradeable Mobile Processor Module and Method for Implement
138	97.00891.00	Cronin, Schaff	5,991,837	11/23/99	Reverse Oriented Processor Configuration
139	97.01016.00	Boe	6,052,892	4/25/00	Adapter Tool For Mounting Components on Printed Circuit Boards
140	97.01016.01	Boe	5,903,972	5/18/99	Method of Mounting Components on Printed Circuit Boards
141	97.01019.00	Boe	5,987,738	11/23/99	Integrated Circuit Cartridge Extracting Method
142	97.01019.01	Boe	6,018,867	2/1/00	Integrated Circuit Cartridge Extracting Tool
143	97.01053.00	Boe	6,116,120	9/12/00	Adjustable tool For Applying Torque to A CPU Fan Unit
144	97.01053.01	Boe	6,112,397	9/5/00	Method of Applying Torque to A CPU Fan Unit
145	97.01329.00	Bull	5,970,468	10/19/99	Method and System For Communicating Between Users of A Productivity Tracking System
146	97.01333.00	Bull	6,141,649	10/31/00	Method and System For Tracking Employee Productivity Via Electronic Mail
147	97.01379.00	Price	6,048,222	4/11/00	Retentive Ribbon Cable Connector
148	97.01379.01	Price	6,098,284	8/8/00	Method of Retentively Attaching A Ribbon Cable Connector To A Device
149	97.01383.00	Boe	6,028,827	2/15/00	Cam Heat Sink Clip Installation and Removal Tool and Method
150	97.01383.01	Boe	6,023,832	2/14/00	Cam Heat Sink Clip Installation and Removal Tool and Method
151	97.01473.00	Boe	5,987,706	11/23/99	Device For Removably Coupling A Plurality of Structures
152	97.01473.01	Boe	5,884,368	3/23/99	Method For Removably Coupling A Plurality of Structures
153	97.01607.00	Sears	6,098,101	8/1/00	Method And Apparatus For Generating Shared Modem Usage Reports In A Networked Computer System
154	97.01608.00	Brunelle	5,982,495	11/9/99	Object Counting Method and Apparatus
155	97.01610.00	Robinson	6,009,686	12/28/99	De-Reeler For Tape Holding Parts
156	97.01610.01	Robinson	5,937,497	8/17/99	A Method For Removing Parts From Tape
157	97.01658.00	Frohardt	6,089,167	7/18/00	Electrostatic Discharge Safe Work Station
158	97.01658.01	Frohardt	6,154,956	12/5/00	Method of Assembling Components On An Electrostatic Discharge Safe Work Station
159	97.01659.00	Boe	6,124,552	9/26/00	Motherboard Screwless Mounting Spacer
160	97.01660.00	Paulson	6,112,319	8/29/00	Method and Apparatus For AGP Read Verification
161	97.01695.00	Pretz	6,014,658	1/11/00	Method and Apparatus For Managing Solutions to Problems
162	97.01826.00	Eric Anderson	5,982,147	11/9/99	System For Displaying A Status Condition of A Battery
163	97.01826.01	Eric Anderson	6,078,871	6/20/00	Method of Displaying A Status Condition of A Battery
164	97.01906.01	Boe	6,035,529	3/14/00	Header Pin Pre-Load Method
165	97.01944.00	Brunelle	5,940,465	8/17/99	Method For Counting Parts In A Tray

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166	97.01944.01	Brunelle	5,940,466	8/17/99	Apparatus For Counting Parts in a Tray
167	97.01985.00	Sowards	6,131,172	10/10/00	Method For Classifying Electronic Components
168	97.01985.01	Sowards	6,104,985	8/15/00	Device for Classifying Electronic Components
169	97.02153.00	Foust	5,988,717	11/23/99	Method For Moving A Vacuum Lifter on and off an Object
170	97.02257.00	Brunelle	6,026,553	2/22/00	A Method For Stacking Receptacles
171	97.02257.01	Brunelle	6,015,046	1/18/00	A Stackable Receptacle
172	97.02258.00	Nouri, Johnson	6,122,746	9/19/00	System For Powering Up and Powering Down A Server
173	97.02258.01	Nouri, Johnson	6,163,849	12/19/00	Method of Powering Up and Powering Down A Server To A Maintenance State
174	97.02260.01	Howell	6,012,683	1/11/00	Apparatus For Managing Cables
175	97.02320.00	Fleming	6,107,990	8/22/00	Laptop With Buttons configured For Use With Multiple Pointing Devices
176	97.02320.01	Fleming	5,982,358	11/9/99	Method For Providing Buttons For Use With Multiple Pointing Devices
177	97.02321.00	Wilson, Mitch	6,076,905	6/20/00	Input Device Enclosure
178	97.02325.01	Zarek	5,951,179	9/14/99	Method of Operating a Computer Keyboard Assembly
179	97.02353.00	Henderson, Arndahl, Smith	5,990,582	11/23/99	Computer Fan Speed Control Device
180	97.02353.01	Henderson, Arndahl, Smith	5,962,933	10/5/99	Computer Fan Speed Control Method
181	97.02379.00	Murphy	6,195,084	2/27/01	Mouse Buttons Designed For Improved Availability
182	97.02553.00	Nouri, Johnson	6,065,053	5/16/00	System For Resetting A Server
183	97.02554.00	Nouri, Johnson	6,138,250	10/24/00	System For Reading System Log
184	97.02554.01	Nouri, Johnson	6,073,255	8/6/00	Method of Displaying Flight Recorder
185	97.02555.01	Chari	6,068,661	5/30/00	Method of Emulating Synchronous Communication
186	97.02557.00	Chari, Bright	6,134,615	10/17/00	Software System Facilitating The Replacement or Insertion of Devices In A Computer System Through the Use of A Graphical User Interface
187	97.02557.01	Chari	6,134,614	10/17/00	Method For facilitating The Replacement or Insertion of Devices In A Computer System Through The Use of A Graphical User Interface.
188	97.02558.01	Chari	6,046,742	4/4/00	Display of System Information
189	97.02558.02	Chari	6,151,023	11/21/00	Display of System Information
190	97.02561.01	Liu, Nguyen, Johnson	6,170,067	1/2/01	System For Automatically Reporting A System Failure In A Server
191	97.02563.01	Henderson, Arndahl, Smith, Agneta	6,195,717	2/27/01	Method of Expanding PCI Bus Loading Capacity
192	97.02581.00	DaSilva	6,148,417	11/14/00	A Method to Quickly Determine The Source of Data Corruption By Retrying Failure From A Different Source
193	97.02601.00	Overgaard	6,138,542	10/31/00	Apparatus For Handling and Manipulating Microelectronic Components
194	97.02601.01	Overgaard	6,062,119	5/16/00	Method For Handling and Manipulating Microelectronic Components
195	97.02685.01	Sheikh, Johnson	6,189,109	2/13/01	Method of Remote Access and Control of Environmental Conditions
196	97.02686.00	Sheikh, Johnson	6,202,160	3/13/01	System For Independent Powering of Diagnostic Processes on A Computer System
197	97.02686.01	Sheikh, Johnson	6,134,668	10/17/00	Method of Independent Powering of Diagnostic Processes On A Computer System
198	97.02689.00	Johnson, Wallach, Nguyen, Amdahl	6,122,758	9/19/00	System For Mapping Environmental Resources To Memory For Program Access
199	97.02689.01	Johnson, Wallach, Nguyen, Amdahl	6,199,173	3/6/01	Method For Mapping Environmental Resources To Memory For Program Access

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200	97.02690.02	Wallach, Pellicer	Findlay,	6,202,111	3/13/01	Method For the Hot Add of A Network Adapter On A System Including A Statically Loaded Adapter Drive
201	97.02690.03	Wallach, Pellicer	Findlay,	6,179,486	1/30/01	Method For The Hot Add of A Mass Storage Adapter On A System Including A Dynamically Loaded Adapter Driver
202	97.02691.01	Wallach, Mahalingam,	Khali, Reed	5,892,928	4/6/99	Method For The Host Add of A Network Adapter on a System Including A Dynamically Loaded Adapter Driver
203	97.02691.02	Wallach, Mahalingam,	Khali, Reed	5,889,965	3/30/99	Method For the Hot Swap of A Network Adapter On A System Including A Dynamically Loaded Adapter Driver
204	97.02691.04	Wallach, Mahalingam,	Khali, Reed	6,163,825	12/19/00	Method For Hot Adding A Network Adapter By Identifying And Executing The Adapter Driver Based Upon The Logical Board Number of the Network Adapter
205	97.02692.02	Wallach, Mahalingam,	Khali, Reed	6,170,028	1/2/01	Method For Hot Swapping A Programmable Network Adapter By Using A programmable Processor To Selectively Disabling and Enabling Power Thereto Upon Receiving Respective Control Signals
206	97.02692.03	Wallach, Mahalingam,	Khali, Reed	6,173,346	1/9/01	Method For the Hot Sway of A Mass Storage Adapter on a System Including A Dynamically Loaded Adapter Driver
207	97.02696.00	Mahalingam		6,148,355	11/11/00	Configuration Management Method For Hot Adding and Hot Replacement Devices
208	97.02697.00	Liu, Johnson	Nguyen,	6,182,180	1/30/01	Apparatus For Interfacing Buses
209	97.02697.01	Liu, Johnson	Nguyen,	5,987,554	11/16/99	Method For Interfacing Buses
210	97.02701.00	Chari, Sartirana	Bright,	6,105,089	8/15/00	Data Management System For Adding Or Exchanging Components On A Running Computer
211	97.02701.01	Chari, Sartirana	Bright,	6,058,445	5/2/00	Data Management Method Supporting Hot Plug Operations On A Computer
212	97.02703.00	Nouri, Johnson		6,145,098	11/7/00	System of Displaying System Status
213	97.02703.01	Nouri, Johnson		6,088,816	7/11/00	Method of Displaying System Status
214	97.02706.00	Papa		6,175,490	1/16/01	Fault Tolerant Computer System
215	97.02708.00	Findlay, Chrbaszez		6,163,853	12/19/00	Method For Communicating A Software Generated Pulse Waveform Between Two Servers in A Network
216	97.02710.00	Chrbaszez		6,134,673	10/17/00	Method For Clustering Software Applications
217	97.02712.00	Chrbaszez, De Silva		6,154,835	11/28/00	Method For Automatically Configuring And Formatting A Computer System and Installing Software
218	97.02712.01	Chrbaszez, De Silva		6,138,179	10/24/00	System For Automatically Partitioning and Formatting A Primary Hard Disk Installing Software In Which Selection of Extended Partition Size is Not Related to Size of Hard Disk
219	97.02721.00	Liu, Johnson	Nguyen,	6,035,420	3/7/00	Method Of Performing An Extensive Diagnostic Test In Conjunction With A Bios Test Routine
220	97.02721.01	Liu, Johnson	Nguyen,	6,009,541	12/28/99	Apparatus For Performing An Extensive Diagnostic Test In Conjunction With A Bios Test Routine
221	97.02753.00	Robinson		6,119,541	9/19/00	Method For Adjusting A Lead Screw Nut and A Nut For Adjustably Engaging A Lead Screw
222	97.02828.00	Dean Klein		6,184,518	2/5/01	Rotary Encoder with Multiple Calibration Points
223	97.02828.01	Dean Klein		6,145,368	11/14/00	Method For Calibrating Rotary Encoder With Multiple Calibration Points
224	97.02913.00	Dean Klein		5,936,526	8/10/99	Apparatus For Generating An Alarm In A Portable Computer System
225	97.02913.01	Dean Klein		6,011,473	1/4/00	Method For Generating An Alarm In A Portable Computer System
226	97.02914.00	Dean Klein; Leman	Mike	5,953,217	9/14/99	Apparatus For Grounding A Printed Circuit Board
227	97.02914.01	Dean Klein; Leman	Mike	5,951,307	9/14/99	Method For Grounding A Printed Circuit Board
228	97.03232.00	Brunelle		6,058,055	5/2/00	Multiple Pass Test System
229	97.03232.01	Brunelle		5,991,215	11/23/99	Method For Testing A memory Chip In Multiple Passes

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230	97.03233.00	Brunelle	6,089,637	7/18/00	Device For Carrying A Stack of Trays
231	97.03234.00	Brunelle	6,122,600	9/19/00	Method For Device Qualification
232	97.03234.01	Brunelle	6,125,336	9/26/00	Apparatus For Device Qualification
233	97.03258.00	Murphy	6,114,958	9/5/00	System and Method For Indicating When A Stylus of A Computer is Missing
234	97.03261.00	Elledge	6,044,399	3/28/00	Inferring the Identity of A preferred Server From Configuration Information
235	97.03264.00	Elledge	6,192,478	2/20/01	Securing Restricted Operations Of A Computer Program Using A Visual Key Feature
236	97.03269.00	Dean Klein; Hcyt Fleming	6,138,194	10/20/00	Apparatus For Removing Power and Signals Form An Inadvertently Swapped Bus Card
237	97.03269.01	Dean Klein; Hcyt Fleming	6,185,645	2/6/01	Method For Removing Power From An Inadvertently Swapped PCI Card
238	97.03270.00	Fleming	6,067,279	5/23/00	Apparatus For Skipping And/or Playing Tracks on A CD or a DVD
239	97.03270.01	Fleming	6,011,760	1/4/00	Method For Skipping and/or Playing Tracks on A CD or A DVD
240	97.03270.02	Fleming	6,157,597	12/5/00	Apparatus For Skipping And/or Playing Tracks or A DVD
241	97.03270.03	Fleming	6,175,537	1/16/01	Method For Skipping and/or Playing Tracks on A CD or A DVD
242	97.03312.00	Murphy, Fleming	6,099,051	8/8/00	Closure System For Devices Having A Stylus
243	97.03312.01	Fleming, Murphy	6,161,882	12/19/00	Closure Method For Devices Having A Stylus
244	97.03312.02	Murphy	6,024,390	2/15/00	Closure System For Devices Having A Stylus
245	97.03703.00	Zarek	6,147,673	11/14/00	Computer Input Device and Keyboard
246	97.03708.00	Chrabaszcz	6,101,529	8/8/00	Apparatus For Updating Wallpaper For Computer Display
247	97.03708.01	Chrabaszcz	6,202,083	8/13/01	Method For Updating Wallpaper For Computer Display
248	97.03709.00	Chrabaszcz	6,073,133	6/6/00	Electronic Mail Attachment Verifier
249	97.03721.00	Dean Klein	6,158,015	1/25/00	Apparatus For Swapping, Adding or Removing A Processor In An Operating Computer System
250	97.03721.01	Dean Klein	6,108,732	8/22/00	Method For Swapping, Adding or Removing A Processor In An Operating Computer System
251	97.04094.00	Craig Boe	6,045,386	4/4/00	Circuit Board Retaining Device
252	97.04181.00	Craig Boe	6,158,594	12/12/00	Printed Circuit Board Mounting Bracket
253	98.00875.00	Mike Leman	6,201,688	3/13/01	Apparatus For Securing A Laptop Computer
254	98.01168.00	Greg Johnson	6,040,980	3/21/00	Disk Drive To Chassis Mounting Apparatus and Method
255	98.01406.00	Murphy	6,068,307	5/30/00	Closure System For Devices Having A Stylus
256	98.01428.00	Ochoa, Smith	6,054,682	4/25/00	Method and System For Reducing Water Vapor In Integrated Circuit Packages Prior to Reflow
257	98.01688.01	Dean Klein	6,182,232	1/30/01	Power Management Method
258	98.02816.00	Murphy	6,095,845	8/1/00	Tangle Resistant Cable Connector
259	98.02866.00	Dean Klein; Mike Leman	6,186,800	2/13/01	Circuit Board Grounding and Support Structure Apparatus and Method
260	99.00631.00	Leman	6,046,912	4/4/00	A Computer System Having Riser Board Expansion Capability
261	99.00637.00	Leman	6,161,944	12/19/00	Retractable Keyboard Illumination Device
262	99.00649.00	Leman	6,198,625	3/6/01	Hinge Assembly for A Portable Computer

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No.	Docket Number	Serial Number	Filing Date
1	95.00549.02	09/103,451	5/23/00
2	95.00410.00	08/565,090	11/30/95
3	95.00410.01	08/914,625	8/19/99
4	95.00552.01	08/933,633	9/19/97
5	95.00684.02	09/440,320	1/24/96
6	95.01014.02	09/684,701	10/6/00
7	96.00030.04	09/549,128	4/13/00
8	96.00030.05	09/549,132	4/13/00
9	96.00030.06	09/659,471	9/11/00
10	96.00138.01	08/360,716	10/30/97
11	96.00585.01	08/879,431	1/24/00
12	96.00614.00	08/835,732	9/22/99
13	96.00615.00	08/840,083	4/9/97
14	96.00615.01	08/872,010	6/9/97
15	96.00618.02	09/251,154	6/23/97
16	96.00642.00	08/903,819	7/31/97
17	96.00649.02	09/466,455	1/8/01
18	96.00651.01	09/006,083	1/13/98
19	96.00651.02	09/516,060	3/1/00
20	96.00653.02	09/409,124	9/30/99
21	97.00001.00	08/928,888	3/31/00
22	97.00009.01	08/964,581	11/5/97
23	97.00009.02	09/419,278	3/28/00
24	97.00009.03	09/536,813	3/28/00
25	97.00010.01	08/877,716	8/26/99
26	97.00015.01	08/959,231	9/3/99
27	97.00031.00	09/035,629	1/24/01
28	97.00031.01	09/035,739	8/3/00
29	97.00032.01	08/923,159	9/8/97
30	97.00039.00	09/036,504	3/6/98
31	97.00066.00	08/994,788	12/19/97
32	97.00176.01	09/031,133	2/26/98
33	97.00279.00	09/067,347	4/28/98
34	97.00279.01	09/067,467	4/28/98
35	97.00280.00	09/037,361	8/15/00
36	97.00280.01	09/037,360	3/9/98
37	97.00284.01	09/561,065	4/28/00
38	97.00974.00	08/966,761	5/16/00
39	97.00999.00	08/909,811	8/12/97
40	97.00999.01	09/634,691	8/8/00
41	97.01144.00	09/083,959	5/22/98
42	97.01210.00	08/963,079	11/3/97

43	97.01328.00	08/964,943	11/4/97
44	97.01336.00	09/008,749	10/4/00
45	97.01389.00	08/925,703	12/20/99
46	97.01523.00	08/971,372	7/5/00
47	97.01630.00	09/015,845	10/20/00
48	97.01630.01	09/015,376	1/29/98
49	97.01630.02	09/782,476	2/13/01
50	97.01631.00	09/277,482	3/26/99
51	97.01631.01	09/277,335	3/26/99
52	97.01633.00	08/985,155	12/4/97
53	97.01659.01	08/988,946	4/24/00
54	97.01670.00	08/994,836	3/22/00
55	97.01696.00	08/951,903	10/16/97
56	97.01813.00	09/098,937	6/17/98
57	97.01813.01	09/098,935	1/12/01
58	97.01816.00	08/980,590	10/4/00
59	97.01817.00	08/950,938	11/20/00
60	97.01837.00	08/964,522	11/4/97
61	97.01906.00	08/978,502	11/25/97
62	97.02018.00	08/941,995	10/1/97
63	97.02023.00	08/942,815	6/13/00
64	97.02028.00	08/941,970	10/1/97
65	97.02028.01	08/942,282	10/1/97
66	97.02153.01	08/994,498	12/19/97
67	97.02173.00	09/066,503	4/23/98
68	97.02173.01	09/066,502	4/23/98
69	97.02185.00	09/089,058	6/2/98
70	97.02260.00	08/987,005	10/12/00
71	97.02301.01	08/993,371	12/18/97
72	97.02318.00	09/023,389	2/13/98
73	97.02325.00	09/044,687	3/18/98
74	97.02377.00	09/069,728	4/29/98
75	97.02377.01	09/069,727	4/29/98
76	97.02552.00	08/940,301	11/18/99
77	97.02552.01	08/941,267	10/1/97
78	97.02553.01	08/942,405	4/5/00
79	97.02555.00	08/943,355	10/1/97
80	97.02557.02	09/552,032	4/19/00
81	97.02559.00	08/942,381	10/1/97
82	97.02559.01	08/942,164	10/1/97
83	97.02561.00	08/942,168	10/1/97
84	97.02563.00	08/942,404	10/1/97
85	97.02565.00	09/048,909	6/26/00
86	97.02565.01	09/048,818	1/17/01

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87	97.02597.00	08/969,321	4/10/00
88	97.02602.00	09/578,351	5/25/00
89	97.02603.00	09/699,762	6/18/98
90	97.02685.00	08/942,160	10/1/97
91	97.02685.02	09/686,527	10/10/00
92	97.02685.03	09/686,254	10/10/00
93	97.02687.00	08/942,402	7/26/00
94	97.02687.01	08/942,448	10/1/97
95	97.02690.00	08/942,309	10/1/97
96	97.02690.01	08/942,457	10/1/97
97	97.02691.00	08/942,306	10/1/97
98	97.02691.03	08/942,336	4/3/00
99	97.02692.00	08/942,311	10/1/97
100	97.02692.01	08/942,369	10/1/97
101	97.02696.01	08/942,408	9/3/99
102	97.02697.02	09/258,395	10/1/97
103	97.02702.00	08/942,305	10/1/97
104	97.02702.01	08/943,356	2/15/00
105	97.02703.02	09/251,354	11/7/00
106	97.02706.01	08/943,344	10/1/97
107	97.02708.01	08/942,409	10/1/97
108	97.02708.02	09/658,333	9/8/00
109	97.02710.01	08/942,411	10/1/97
110	97.02711.00	08/942,319	10/1/97
111	97.02711.01	08/942,331	10/1/97
112	97.02714.00	08/942,462	4/21/00
113	97.02750.00	09/122,518	7/24/98
114	97.02750.PCT	PCT/US99/01343	1/26/99
115	97.02750.TW	TW 88109310	6/14/99
116	97.02922.00	09/156,369	9/17/98
117	97.02922.01	09/156,370	9/17/98
118	97.02947.00	09/098,779	6/17/98
119	97.03233.01	09/565,182	5/3/00
120	97.03238.00	09/095,352	6/10/98
121	97.03238.01	09/095,433	6/10/98
122	97.03246.00	09/129,381	8/5/98
123	97.03246.01	09/130,199	8/5/98
124	97.03248.00	09/186,499	11/4/98
125	97.03265.00	09/052,308	3/31/98
126	97.03267.00	09/049,387	3/27/98
127	97.03270.04	09/657,354	9/7/00
128	97.03301.00	09/217,040	12/21/98
129	97.03302.00	09/219,501	12/21/98
130	97.03303.00	09/217,032	12/21/98

131	97.03304.00	09/217,029	12/21/98
132	97.03305.00	09/217,039	12/21/98
133	97.03322.00	09/105,760	6/26/98
134	97.03322.01	09/105,635	6/26/98
135	97.03323.00	09/104,938	6/25/98
136	97.03323.01	09/104,941	6/25/98
137	97.03329.00	09/185,880	11/4/98
138	97.03572.00	09/316,077	5/20/99
139	97.03572.01	09/316,075	5/20/99
140	97.03637.00	09/245,096	2/1/99
141	97.03637.01	09/241,324	2/1/99
142	97.03703.01	09/044,375	3/18/98
143	97.03704.00	09/044,689	9/28/00
144	97.03704.01	09/044,385	3/18/98
145	97.03721.02	09/626,279	7/25/00
146	97.03844.00	09/153,994	9/17/98
147	97.03993.00	09/351,973	7/12/99
148	97.03994.00	09/231,158	1/15/99
149	97.03995.00	09/351,934	7/12/99
150	97.03995.01	09/351,928	7/12/99
151	97.04006.00	09/119,165	7/20/98
152	97.04006.01	09/119,331	7/20/98
153	97.04006.02	09/630,110	7/20/98
154	97.04078.00	09/132,349	8/12/98
155	97.04204.00	08/966,760	5/16/00
156	98.00303.00	09/118,716	7/16/98
157	98.00303.01	09/118,219	7/16/98
158	98.00306.00	09/108,979	6/24/98
159	98.00753.00	09/324,708	6/3/99
160	98.00875.01	09/167,635	10/6/98
161	98.00932.00	09/164,170	9/30/98
162	98.01170.00	09/207,090	12/7/98
163	98.01316.00	09/164,228	9/30/98
164	98.01571.00	09/217,781	12/21/98
165	98.01629.00	09/209,150	12/10/98
166	98.01679.00	09/178,924	10/26/98
167	98.01687.00	09/200,320	11/25/98
168	98.01688.00	09/240,548	1/29/99
169	98.01809.00	09/258,061	2/26/99
170	98.01809.01	09/259,621	2/26/99
171	98.02148.00	09/201,097	11/30/98
172	98.02148.01	09/201,911	11/30/98
173	98.02150.00	09/266,325	3/11/99
174	98.02154.00	09/247,615	2/10/99

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175	98.02155.00	09/201,536	10/22/98
176	98.02155.01	09/201,407	11/30/98
177	98.02195.00	09/201,330	11/30/98
178	98.02195.01	09/203,109	11/30/98
179	98.02277.00	09/349,735	7/8/99
180	98.02339.00	09/231,613	1/25/01
181	98.02467.00	09/199,768	11/25/98
182	98.02494.00	09/203,173	11/30/98
183	98.02495.00	09/176,261	10/20/98
184	98.02697.00	09/307,498	5/7/99
185	98.02699.00	09/398,316	9/16/99
186	98.02942.00	09/231,307	1/13/99
187	98.03090.00	09/217,365	12/21/98
188	98.03091.00	09/217,254	12/21/98
189	98.03092.00	09/217,255	12/21/98
190	98.03104.00	09/353,168	7/14/99
191	98.03125.00	09/339,398	2/2/01
192	98.03186.00	09/511,092	2/23/00
193	98.03188.00	09/375,157	8/16/99
194	98.03189.00	09/368,480	8/4/99
195	98.03194.00	09/290,388	4/12/99
196	98.03273.00	09/411,532	10/1/99
197	98.03279.00	09/478,519	1/5/00
198	98.03281.00	09/290,723	4/14/99
199	98.03315.00	09/302,906	4/30/99
200	98.03334.00	09/272,923	3/19/99
201	98.03352.00	09/280,388	3/29/99
202	98.03369.00	09/241,426	2/2/99
203	98.03405.00	09/272,345	3/19/99
204	98.03421.00	09/406,956	9/28/99
205	98.03469.00	09/448,382	11/24/99
206	98.03523.00	09/323,040	12/3/98
207	98.03528.00	09/511,360	2/22/00
208	98.03546.00	09/298,156	4/23/99
209	98.03551.00	09/288,215	4/8/99
210	98.03557.00	09/669,228	9/25/00
211	98.03559.00	09/574,736	5/18/00
212	98.03726.00	09/306,954	5/7/99
213	98.03728.00	09/289,153	4/8/99
214	98.03738.00	09/299,620	4/27/99
215	98.03744.00	09/307,740	5/10/99
216	98.03746.00	09/525,180	3/14/00
217	98.03789.00	09/281,935	3/31/99
218	99.00116.00	09/350,316	7/9/99

219	99.00249.00	09/307,739	5/10/99
220	99.00312.00	09/414,655	10/6/99
221	99.00312.01	09/414,656	10/6/99
222	99.00428.00	09/420,787	10/19/99
223	99.00463.00	09/340,722	6/29/99
224	99.00500.00	09/457,207	12/7/99
225	99.00558.00	09/317,841	5/25/99
226	99.00559.00	09/519,641	3/6/00
227	99.00617.00	09/317,840	5/25/99
228	99.00627.00	09/472,725	12/27/99
229	99.00648.00	09/350,908	7/12/99
230	99.00649.01	09/758,672	1/11/01
231	99.00651.00	09/313,813	5/18/99
232	99.00652.00	09/334,637	6/17/99
233	99.00672.00	09/313,815	5/18/99
234	99.00673.00	09/314,058	5/18/99
235	99.00700.00	09/510,793	2/23/00
236	99.00739.00	09/345,759	7/1/99
237	99.00799.00	09/377,069	8/19/99
238	99.00976.00	09/457,680	12/9/99
239	99.00979.00	09/386,311	8/31/99
240	99.00983.00	09/570,127	5/12/00
241	99.01017.00	09/363,788	7/29/99
242	99.01023.01	09/371,135	8/10/99
243	99.01245.00	09/383,470	8/26/99
244	99.01304.00	09/770,553	1/26/01
245	99.01681.00	09/553,305	4/20/00
246	99.01684.00	09/617,517	7/14/00
247	99.01770.00	09/502,793	2/11/00
248	99.01860.00	09/548,826	4/12/00
249	99.01954.00	09/330,374	6/10/99
250	99.01956.00	09/371,924	8/11/99
251	99.02108.00	09/419,523	10/18/99
252	99.02194.00	09/479,884	1/10/00
253	99.02461.00	09/505,599	2/16/00
254	99.02462.00	09/472,728	12/27/99
255	99.02541.00	09/544,701	4/6/00
256	99.02560.00	09/415,028	10/7/99
257	99.02560.01	09/415,029	10/7/99
258	99.02632.00	09/412,702	10/5/99
259	99.02860.00	09/526,910	3/16/00
260	99.02972.00	09/612,155	7/7/00
261	99.03146.00	09/492,828	1/27/00
262	99.03185.00	09/449,782	11/24/99

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263	99.03497.00	09/526,470	7/26/00
264	99.03776.00	09/518,787	3/3/00
265	99.04178.00	09/628,754	7/31/00
266	99.04185.00	09/560,660	4/27/00
267	99.04262.00	09/602,147	6/21/00
268	99.04267.00	09/639,279	8/15/00
269	99.04268.00	09/661,540	9/14/00
270	99.04358.00	09/602,204	6/22/00

271	00.00315.00	09/550,726	4/17/00
272	00.00902.00	09/706,690	11/6/00
273	00.00903.00	09/632,194	8/2/00
274	00.01750.00	09/733,373	12/8/00
275	00.01751.00	09/733,372	12/8/00
276	00.02702.00	09/776,364	2/2/01
277	00.02703.00	09/769,556	1/25/01