

Recent IBM patents

The following patents were recently issued by the countries in which the inventions were made.

Canada

2,120,280	C. Stratas and C. J. Stratas	Method and apparatus for retention of a fragile conductive trace with a protective clamp
2,137,492	L. K. Hon	System for and method of providing delta-versioning of the contents of PCTE file objects

France

575,682	C. L. Basso, F. Verplanken, and J. Calvignac	Hub and interface for isochronous token-ring
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Germany

19,703,388.1	D. E. Staiger	Method and apparatus for control of an electronic system
19,710,798.2	H. C. Pfeiffer, J. Greschner, K. Meissner, S. Kalt, and T. Bayer	Manufacturing method for membrane mask with mask fields
69,032,542.8	L. Doeble, V. Rudolph, and W. Ruppert	Image verification by extraction of significant parameters
69,320,623.3	B. Stenkamp, E. Kiefer, M. Abraham, P. Pokrowsky, T. Zetterer, and W. Ehrfeld	Micropolarimeter, microsensor system and method of characterizing thin films

Japan

980,779-1	K. Yamazaki and T. Takahashi	Industrial design of monitor
1,022,733	K. Yamazaki and T. Imai	Front projector
2,137,321	A. Yagihashi, H. Shima, and K. Yamazaki	Portable PC
2,137,398	H. Sone, K. Sekiya, Y. Kanada, and Y. L. Lien	User friendly adapters
2,798,364	K. Okamoto and K. Yamamoto	Invention of a statistical analysis technique in program execution
2,802,046	H. Kinoshita and S. Iwata	SCCP (single control CD-ROM player)
2,803,693	J. Kimura and Y. Fukushima	Actuator lock release method for HDD
2,811,501	K. Hidaka and M. Akashi	Tracking cursor
2,815,311	H. Itoh, J. Mihara, N. Yamada, and Y. Kikuchi	Programmable TFT gate timing control method for TFT-LCD

Switzerland

531,599	M. Heddes and R. P. Luijten	Configurable gigabit/s switch adapter
727,085	P. Gruetter, R. Allenspach, and U. T. Duerig	Method and apparatus for retrieving digital data from a magnetic storage medium

744,101	B. Petersen and E. Eleftheriou	Method and apparatus for multiuser-interference reduction
759,055	F. Gfeller and F. R. Gfeller	Wireless optical communication system with adaptive data rates and/or adaptive levels of optical power
793,808	R. Allenspach and W. Weber	Magnetoresistive sensor
United Kingdom		
559,978	P. Quarendon	Image processing method
629,991	A. Hastings, F. S. Jackson, M. D. Henry, and N. Wright-Boulton	Synchronisation apparatus working over a wide range of frequencies
665,525	A. R. Knox, R. T. Wood, and S. C. Kerigan	Display apparatus with data communication channel
797,810	A. Zlotnick	Barcode decoding
2,296,123	G. Ashour, N. Sharir, and R. Lisle	MIDI playback system
2,298,075	J. S. Beeteson	Liquid crystal display
2,319,100	J. M. Flenley and S. Currie	Hardware simulator for a transaction processing system
United States		
5,768,620	G. S. Johnson, H. M. Yudenfriend, L. R. Urbanejo, and R. A. Ripberger	A variable timeout method in a missing-interrupt handler for I/O requests issued by the same operating system
5,768,623	A. L. Symon, I. D. Judd, and N. Shaylor	System and method for sharing multiple storage arrays by dedicating adapters as primary controller and secondary controller for arrays reside in different host computers
5,768,681	A. Dan, D. Sitaram, P. P. Shahabuddin, and W. H. Tetzlaff	Channel conservation for anticipated load surge in video servers
5,768,770	A. Lanzetta, I. C. Noyan, M. J. Palmer, and R. Horton	Electronic packaging shaped beam lead fabrication
5,768,772	A. W. Buechele	Pinstacking process and fixture
5,768,774	J. W. Wilson, S. P. Moore, and S. R. Engle	Thermally enhanced ball grid array package
5,769,989	D. A. Sluzewski and M. K. Hoffmeyer	Method and system for reworkable direct chip attach (DCA) structure with thermal enhancement
5,770,097	J. Singh and J. A. O'Neill	Control of etch selectivity
5,770,133	Z. E. Boutaghou	Data storage assembly vibration isolation method and apparatus
5,770,345	D. E. Seeger, E. D. Babich, J. P. Simons, and K. E. Petrillo	Photoresist having increased sensitivity and use thereof
5,770,476	D. B. Stone	Passive interposer including at least one passive electronic component
5,770,478	G. Messina, M. E. Klepeis, R. A. Sherif, and S. Iruvanti	Integral mesh flat plate cooling module
5,770,484	R. L. Kleinhenz	Method of making silicon on insulator buried plate trench capacitor
5,770,504	J. S. Brown, R. J. Gauthier, and X. Tian	Method for increasing latch-up immunity in CMOS devices
5,770,826	C. E. Farrell, J. A. Lacey, P. Chaudhari, and S. C. Lien	Atomic beam alignment of liquid crystals
5,770,875	F. Assaderaghi, J. A. Mandelman, L. L. Hsu, and W. R. Tonti	Large value capacitor for SOI
5,770,876	C. H. Lam, D. K. Lord, and J. Wright	Semiconductor trench capacitor cell having a buried strap
5,770,881	F. Assaderaghi, L. F. Wagner, Jr., and M. M. Pelella	SOI FET design to reduce transient bipolar current
5,770,884	H. B. Pogge, H. L. Kalter, J. Greschner, and R. J. Rosner	Very dense integrated circuit package
5,770,891	D. E. Massey, J. A. Frankeny, K. A. Vanderlee, and R. F. Frankeny	Socket for semi-permanently connecting a solder ball grid array device using a dendrite interposer
5,770,894	R. C. Agarwal	Parallel processing method having arithmetical condition code based instructions substituted for conventional branches
5,770,948	A. Halperin, L. Li, R. M. Ruggiero, S. G. Barbee, and W. Surovic	Rotary signal coupling for chemical mechanical polishing endpoint detection with a strasbaugh tool
5,770,960	J. A. Iadanza and M. Ueda	Process tolerant delay circuit
5,770,969	B. L. Krauter, L. A. Walls, and S. E. Schuster	Controllable decoupling capacitor
5,771,011	C. J. Masenas	Match detect logic for multi-byte per cycle hardware data compression
5,771,032	J. H. Werner, R. L. Poston, S. H. Isensee, and T. L. Cline	Method, system, and memory for modifying a window as information is being scrolled
5,771,042	L. Santos-Gomez	Multi-size control for multiple adjacent workspaces
5,771,044	B. J. Cragun and R. R. Schnier	Method and apparatus for tolerancing three-dimensional drawings
5,771,152	D. Crompton, G. D. Hufford, H. G. Leonard, J. D. Thomas, and R. H. Harris	Computer system with a tilt adjustment mechanism

5,771,186	S. A. Shah and V. R. Kodali	System and method for multiplying in a data processing system
5,771,232	B. D. Mandalia, G. T. Davis, J. Sinibaldi, J. F. Jones, L. P. Andrews, R. E. Landa, and W. J. Johnson	Expandable local inter-system bus architecture in a multiplexed environment
5,771,242	G. S. Koch, J. Connor, L. Ternullo, and R. D. Adams	Memory array built-in self-test circuit having a programmable pattern generator for allowing unique read/write operations to adjacent memory cells, and method therefor
5,771,247	J. M. Kaiser, R. K. Arimilli, and W. K. Lewchuk	Low latency error reporting for high performance bus
5,771,268	J. A. Silberman, N. Aoki, O. Takahashi, and S. H. Dhong	High speed rotator with array method
5,771,317	A. Edgar	Sinc filter in linear lumen space for scanner
5,771,347	J. A. Grantz and J. R. Ure	Apparatus and method to allow a user a trial period before licensing a software program product
5,771,366	A. A. Bjorksten, J. E. Phillips, Q. Q. Bui, and R. E. Fry	Method and system for interchanging operands during complex instruction execution in a data processing system
5,771,367	B. C. Beardsley, G. A. Spear, L. C. Blount, and V. J. Legvold	Storage controller with improved nonvolatile memory failure recovery system
5,771,369	B. W. Curran	Memory row redrive
5,771,371	G. J. Morse and S. Thompson	Method and apparatus for optimizing the display of fonts in a data processing system
5,771,372	C. N. Tran, D. C. Pham, and M. Sweet	Circuitry for controlling data communications
5,771,375	R. E. Mains	Automatic delay adjustment for static timing analysis using clock edge identification and half cycle paths
5,771,379	R. C. Gore, Jr.	File system and method for file system object customization which automatically invokes procedures in response to accessing an inode
5,771,382	I. A. Wang and R. Korenshtein	System and method for synchronizing static variable initialization and reference under a multi-threaded computer environment
5,771,383	C. Youngworth, F. L. Rawson III, and J. M. Magee	Shared memory support method and apparatus for a microkernel data processing system
5,771,462	C. M. Olsen	Bus arbitration infrastructure for deployment of wireless networks
5,771,559	P. W. Coteus and T. M. Cipolla	Removable heat sink assembly for a chip package
5,771,570	D. S. Chhabra, M. P. Robert, and N. Kitazaki	Method of manufacturing a slider/suspension having an improved crown sensitivity
5,772,463	G. Oldenburg, K. F. Tharp, L. C. Kleppe, R. D. O'Groske, R. V. Tointon, and S. J. Shirk/Heath	Electrical cable with improved connector
5,772,815	G. L. Stewart, R. L. Trollinger, and S. Jordan	Method for making laminated integrated circuit devices
5,772,835	G. L. Stewart, R. L. Trollinger, and S. Jordan	Vacuum oven chamber for making laminated integrated circuit devices
5,772,837	G. Natarajan, J. U. Knickerbocker, and R. J. Bezama	Apparatus for forming cavities without using an insert
5,773,132	L. R. Blumberg, M. D. Poliks, and W. T. Chen	Protecting copper dielectric interface from delamination
5,773,195	D. B. Stone, J. S. Kamperman, and T. P. Gall	Cap providing flat surface for DCA and solder ball attach and for sealing plated through holes, multi-layer electronic structures including the cap, and a process of forming the cap and for forming multi-layer electronic structures including the cap
5,773,197	J. L. Hedrick, K. R. Carter, and R. D. Miller	Integrated circuit device and process for its manufacture
5,773,329	Y. Kuo	Polysilicon grown by pulsed rapid thermal annealing
5,773,331	H. P. Wong and P. M. Solomon	Method for making single and double gate field effect transistors with sidewall source-drain contacts
5,773,361	A. K. Stamper and J. E. Cronin	Process of making a microcavity structure and applications thereof
5,773,362	D. Chidambarrao, J. Zalesinski, J. A. Mandelman, S. V. Nguyen, T. Furukawa, and W. R. Tonti	Method of manufacturing an integrated ULSI heatsink
5,773,371	B. K. Appelt, K. I. Papatthomas, M. D. Poliks, R. M. Japp, and W. T. Fotorny	Technique for forming resin-impregnated fiberglass sheets
5,773,377	B. V. Fasano, J. H. Harris, L. W. Herron, R. A. Youngman, and S. L. Shinde	Low temperature sintered, resistive aluminum nitride ceramics
5,773,528	J. M. Alvarado, J. P. Kuczynski, and K. Covert	Dual core epoxy backseal formulation
5,773,561	F. Pompeo, K. G. Sachdev, M. Berger, and P. A. Coico	Polymer sealants/adhesives and use thereof in electronic package assembly
5,773,815	A. E. Stevens	Integrate-and-dump receiver for fiber optic transmission
5,773,824	E. Flecha, K. G. Roessler, and R. M. Stowell	Method for improving measurement accuracy using active lateral scanning control of a probe
5,773,836	J. G. Hartley	Method for correcting placement errors in a lithography system

5,773,856	D. R. Bearden and M. D. Bolliger	Structure for connecting to integrated circuitry
5,773,884	F. E. Andros, J. R. Bupp, M. DiPietro, and R. B. Hammer	Electronic package with thermally conductive support member having a thin circuitized substrate and semiconductor device bonded thereto
5,774,011	E. J. Nowak, M. H. Tong, and W. M. Au	Antifuse circuit using standard MOSFET devices
5,774,063	J. Edrington and R. E. Berry	Method and apparatus for software based wireless remote control of electronic devices
5,774,067	A. R. Williams, H. T. Olnowich, J. Bruck, J. Gould, J. D. Jabusch, and M. H. Fisher	Flash-flooding multi-stage interconnection network with parallel path seeking switching elements
5,774,081	G. G. Langdon, Jr. and J. Cheng	Approximated multi-symbol arithmetic code method and apparatus
5,774,112	J. M. Kasson	Method and apparatus for tone correction of a digital color image with preservation of the chromaticity of the image
5,774,120	J. S. Goddard and M. T. Vo	Refresh and select-all actions in graphical user interface
5,774,186	M. H. Brodsky, S. E. Millman, and T. K. Worthington	Interruption tolerant video program viewing
5,774,224	P. J. Kerstens	Linear-scanning, oblique-viewing optical apparatus
5,774,291	C. S. Nomura, G. A. Garfunkel, and J. T. Contreras	Voltage measurement circuit for a magnetoresistive head installed in a disk enclosure
5,774,292	C. J. Georgiou and E. S. Kirkpatrick	Disk drive power management system and method
5,774,298	C. C. Liu, F. E. Mueller, and W. L. Cheung	Asynchronous digital PES demodulation disk drive servo control system
5,774,340	C. S. Chang and F. D. Egitto	Planar redistribution structure and printed wiring device
5,774,369	P. Horstmann, P. S. Sawkar, and T. E. Rosser	Computer program product for enabling a computer to remove redundancies using quasi algebraic methods
5,774,380	L. Pickup, P. R. Schwartz, and T. Westervelt	State capture/reuse for verilog simulation of high gate count ASIC
5,774,411	C. M. Hsieh, J. A. Mandelman, L. L. Hsu, and M. M. Pelella	Methods to enhance SOI SRAM cell stability
5,774,481	C. L. Chen and P. J. Meaney	Reduced gate error detection and correction circuit
5,774,511	D. W. Boerstler	Processor clock circuit
5,774,525	D. Kanevsky, M. Yung, and W. Zadrozny	Method and apparatus utilizing dynamic questioning to provide secure access control
5,774,641	A. B. McNeill, B. Cassidy, and R. Islam	A distributed redundant array of inexpensive drives (DRAID)
5,774,644	P. W. McKinstry	A method and apparatus for improving development of advanced program-to-program communications (APPC) programs
5,774,682	D. A. Burton, J. N. McCauley, M. Heyman, M. T. Benhase, and R. L. Morton	System for concurrent cache data access by maintaining and selectively merging multiple ranked part copies
5,774,685	P. K. Dubey	Method and apparatus for biasing cache LRU for prefetched instructions/data based upon evaluation of speculative conditions
5,774,692	G. G. Kiernan and P. Boyer	Outer quantifiers in object-oriented queries and views
5,774,698	H. T. Olnowich	Multi-media serial line switching adapter for parallel networks and heterogeneous and homologous computer system
5,774,706	D. Neal and R. A. Kelley	High speed PCI utilizing TTL compatible signaling
5,774,712	H. Cheong and H. Q. Le	Instruction dispatch unit and method for mapping a sending order of operations to a receiving order
5,774,716	F. J. Ricchio and M. W. Harbinski	System and method for enabling multiple computer systems to share a single sequential log
5,774,717	T. J. Porcaro	Improved method and article of manufacture for resynchronizing client/server file systems and resolving file system conflicts
5,774,720	C. V. Powell, I. M. Holland, K. Borgendale, K. R. Lawrence, and R. L. Verburg	Personality neutral graphics subsystem
5,774,722	A. Gheith	Method for efficient external reference resolution in dynamically linked shared code libraries in single address space operating systems
5,774,723	J. C. Endicott, R. P. Resch, and S. J. Munroe	Efficient method router that supports multiple simultaneous object versions
5,774,724	R. R. Heisch	System and method for acquiring fine granularity performance data in a computer system
5,774,728	F. C. Breslau, J. T. Rodell, and P. G. Greenstein	Method and system for compiling sections of a computer program for multiple execution environments
5,774,729	A. W. Shannon, B. J. Owings, E. L. Porter, G. Hochmuth, L. E. England, R. A. Wilson, and W. P. Carney	Event handling in a high level programming language environment

5,774,730	E. C. Prosser, L. Asnash, M. Namolaru, N. E. Aizikowitz, O. Edelstein, R. Bar-Haim, R. R. Roediger, and W. J. Schmidt	Method and apparatus for improving colorability of constrained nodes in an interference graph within a computer system
5,774,735	A. E. Seigler and P. J. Meaney	System resource enable method with wake-up feature
5,774,867	G. Fitzpatrick and M. L. Williams	Camp on for electronic calendars
5,774,868	B. J. Cragun, S. Lund, and T. M. Kelsey	Automatic sales promotion selection system and method
5,775,493	B. J. Cragun	Assembly and method for labeling and storing media cartridges
5,775,567	J. C. Lo and M. Servedio	Apparatus for ultrasonic wirebonding
5,776,370	A. Afzali and S. L. Buchwalter	Charge transfer complexes between polyaniline and organic electron acceptors and method of fabrication
5,776,587	A. Viehbeck, J. M. Roldan, J. M. Shaw, M. Angelopoulos, R. Saraf, S. Purushothaman, T. Graham, and V. A. Brusie	An electronic package comprising a substrate and a semiconductor device bonded thereto
5,776,645	P. J. Couillard and R. Barr	Lithographic print bias/overlay target and applied metrology
5,776,660	D. V. Horak, M. C. Hakey, S. J. Holmes, and W. H. Ma	Fabrication method for high-capacitance storage node structures
5,776,790	J. C. Kutt, R. H. Zalokar, and S. Starr	C4 PB/SN evaporation process
5,776,801	G. Irish, J. Carper, R. L. Jackson, R. M. Smith, and S. C. Rieley	Leadframe having contact pads defined by a polymer insulating film
5,776,808	B. Poschenrieder, K. Roithner, and K. P. Muller	Pad stack with a poly SI etch stop for TEOS mask removal with RIE
5,776,823	A. Grill, C. Cabral, C. Jahnes, P. D. Agnello, R. A. Roy, and T. J. Licata	Tasin oxygen diffusion barrier in multilayer structures
5,776,826	A. Mitwalsky and J. G. Ryan	Crack stop formation for high-productivity processes
5,776,990	D. C. Hofer, J. Labadie, J. L. Hedrick, R. B. Prime, and T. P. Russell	Foamed polymers for use as dielectric material
5,777,364	B. S. Meyerson, E. F. Crabbe, J. M. Stork, and S. Vandebroek	Graded channel field effect transistor
5,777,385	L. Wu	Ceramic ball grid array (CBGA) package structure having a heat spreader for integrated-circuit chips
5,777,490	F. F. Hinedi and M. Cases	Circuitry and method for translating voltages
5,777,491	F. S. Lai and W. Hwang	High-performance differential cascode voltage switch with pass gate logic elements
5,777,504	A. M. Chu and R. A. Piro	Couple noise protection circuit technique
5,777,539	D. V. Folker, R. S. Malik, and R. S. Rowland	Inductor using multilayered printed circuit board for windings
5,777,583	B. S. Oakley, F. J. Canora, M. Oprysko, S. Ponnappalli, and W. B. Nunnery	High gain broadband planar antenna
5,777,615	D. A. Ford, E. J. Selker, and R. J. Barber	Multiple display pointers for computer graphical user interfaces
5,777,616	C. Bates and P. R. Day	Data processing system and method for invoking a function of a multifunction icon in a graphical user interface
5,777,622	T. F. Lehr	Method for identifying invisible objects ordered in a tree-like data structure by finding adjoining hidden objects
5,777,630	B. R. Culbertson, E. J. Nelson, H. G. Kiel, K. D. Aaker, L. E. Behrens, S. Okimoto, and S. J. Amell	Method and apparatus for displaying image and facsimile data on a non-programmable-terminal attached to a host computer by a work station controller
5,777,677	E. Linzer, P. Westerink, and R. M. West	Approximate MPEG decoder with compressed reference frames
5,777,679	D. A. Hrusecky, D. P. Cheney, and M. Stojancic	Video decoder including polyphase fir horizontal filter
5,777,704	E. J. Selker	Backlighting an LCD-based notebook computer under varying ambient light conditions
5,777,705	D. B. Stone, L. R. Cutting, M. A. Gaynes, M. V. Pierson, and S. F. Arndt	Wire bond attachment of a liquid crystal display tile to a tile carrier
5,777,789	A. E. Rosenbluth, D. B. Dove, F. E. Doany, G. L. Chiu, J. S. Wilczynski, R. N. Singh, and T. M. Cipolla	Efficient optical system for a high resolution projection display employing reflection light valves
5,777,798	C. J. Freedenberg, F. A. Herring, and U. A. Ziemins	Variable magnification laser imaging system
5,777,815	P. Kasiraj, S. W. Meeks, and T. C. Reiley	Disk drive with shock detection based on thermoresistive signal from magnetoresistive head
5,777,825	L. K. Dorius	Negative pressure step pad air bearing design and method for making the same

5,777,829	A. J. Wallash and S. H. Voldman	Method and apparatus for providing electrostatic discharge protection for an inductive coil of a magnetic transducer
5,777,889	A. K. Mohanty and S. N. Panigrahy	A method and apparatus for evaluating molecular structures using relativistic integral equations
5,777,918	A. Marchioro, C. Chuang, K. S. Chan, and S. H. Dhong	Fast multiple operands adder/subtractor based on shifting
5,777,962	D. A. Hansen, R. P. Stahl, and T. S. Gardner	Calibrating an optical detector to minimize noise from undesired perturbations in disk surfaces
5,777,989	J. R. McGarvey	TCP/IP host name resolution for machines on several domains
5,778,011	F. Pestoni, F. Safar, J. Bruck, J. Sanz, and M. Blaum	Method and apparatus for writing and protecting against random and cluster errors in image blocks
5,778,135	G. J. Smith and H. H. Ottesen	Real-time edit control for video program material
5,778,150	B. N. Groszof, D. W. Levine, and H. Chan	Flexible procedural attachment to situate reasoning systems
5,778,197	S. Dunham	Method for allocating system resources in a hierarchical bus structure
5,778,208	A. Saha, N. Malik, and R. J. Eickemeyer	A flexible pipeline for interlock removal
5,778,221	J. L. Temple	System for executing asynchronous branch and link in parallel processor
5,778,222	S. A. Lenharth, S. A. Wadood, and T. R. Herrick	Multi-functional application interface for managing directory access control
5,778,228	Y. Wei	Method and system for transferring remote procedure calls and responses over a network
5,778,233	K. Besaw, M. Hessler, M. H. Lipasti, P. T. Haugen, R. J. Donovan, and R. R. Roediger	Method and apparatus for enabling global compiler optimizations in the presence of exception handlers within a computer program
5,778,235	P. G. Robertson	Computer system and arbitrator utilizing a bus bridge that avoids livelock
5,778,240	D. A. Buchman and K. W. Hall	Referential edit checking tabular form data
5,778,243	A. G. Aipperspach, B. J. Talik, B. M. Patel, G. Uhlmann, M. Rohn, N. V. Phan, S. N. Storino, and T. Christensen	Multi-threaded cell for a memory
5,778,255	D. F. Moertl, M. K. Edwards, and S. D. Clark	Method and system in a data processing system for decompressing multiple compressed bytes in a single machine cycle
5,778,353	A. N. Swami	Method and apparatus for optimizing data retrieval using index scanning
5,778,355	G. G. Kiernan, M. J. Carey, and P. Boyer	Database method and apparatus for interactively retrieving data members and related members from a collection of data
5,778,358	J. L. Howe III and K. R. Blackman	A query parser for accessing non-relational, non-object-oriented, datastores
5,778,366	D. L. Gillihan, D. R. Hyatt, K. M. Nordby, P. J. Spoth, P. T. Leone, R. W. Rinda, T. Rauch, and V. E. Pulizzi	Method and system for organizing on-line books using collections
5,778,369	C. J. Pascoe and G. A. Wilson	Method and apparatus for managing exceptions
5,778,374	C. H. Dang and C. T. Dang	Compressed common file directory for mass storage systems
5,778,378	B. S. Rubin	Object-oriented information retrieval framework mechanism
5,778,379	J. L. Howe III and K. R. Blackman	A query syntax for accessing non-relational, non-object-oriented, datastores
5,778,391	F. D. Gallo, G. T. Kishi, and J. A. Fisher	Method and system for reclaiming stacked volumes within a peripheral data storage subsystem
5,778,393	D. R. Blea, G. E. McBride, M. Shackelford, and R. M. Kern	Adaptive multitasking for dataset storage
5,778,422	E. R. Vanderslice and T. B. Genduso	Improved memory controller to support optional look-aside caches
5,778,428	K. A. Batson and R. Ross	Programmable high performance mode for multi-way associative cache/memory designs
5,778,437	S. J. Baylor and Y. Hsu	Invalidation bus optimization for multiprocessors using directory-based cache coherence protocols in which an address of a line to be modified is placed on the invalidation bus simultaneously with sending a modify request to the directory
5,778,443	M. S. Williams and R. C. Swanberg	Method and apparatus for conserving power and system resources in a computer system employing a virtual memory
5,778,481	C. Huynh, D. P. Nadeau, M. R. Amsden, P. A. Manfredi, and R. A. Bartley	Silicon wafer cleaning and polishing pads
5,778,527	J. L. Sullivan, K. W. Watts, M. Barenboim, and M. Mino	Apparatus and method for forming "L" shaped terminals from structures stamped in a flat strip and for inserting such terminals into an electronic package
5,778,692	G. A. Gura	Allocation of compressors to cooling chambers

5,779,133	D. C. Linnell, K. A. Lidestri, R. A. Jackson, and R. N. Master	In-situ device removal for multi-chip modules
5,779,496	C. L. Smith, D. C. Brower, G. Bethurum, K. A. Maynor, and N. Bolinger	Sliding connector block system for electronic devices
5,779,844	A. Viehbeck, D. Lewis, and S. J. Whitehair	Continuous lamination of electronic structures
5,779,923	J. H. Lee and M. T. Krounbi	Simplified method of making merged MR head
5,780,199	D. Lewis, J. Labadie, J. D. Gelorme, M. Angelopoulos, N. C. LaBianca, and S. Swanson	Polyamic acid and polyimide from fluorinated reactant
5,780,327	J. A. Mandelman, J. O. Chu, L. L. Hsu, Y. Taur, and Y. C. Sun	Vertical double-gate field effect transistor
5,780,335	W. Hwang and W. H. Henkels	Buried-sidewall-strap two transistor one capacitor trench cell
5,780,363	B. N. Rhoads, D. D. Miura, D. I. Rath, D. J. Delehanty, F. Schmidt, G. F. Ouimet, K. J. McCullough, and R. Jagannathan	Etching composition and use thereof
5,780,366	B. K. Appelt, K. I. Papathomas, R. M. Japp, and W. J. Rudik	Technique for forming resin-impregnated fiberglass sheets using multiple resins
5,780,925	P. W. Coteus and T. M. Cipolla	Lead frame package for electronic devices
5,781,031	C. L. Bertin and J. E. Cronin	Programmable logic array
5,781,032	A. R. Bertolet, B. A. Worth, C. M. Fuller, E. E. Millham, F. R. Keyser, G. Yasar, J. A. Iadanza, K. Clinton, S. Hartman, S. W. Gould, T. Reny, and T. Zittritsch	Programmable logic cell
5,781,193	C. C. Alimpich, J. P. Wittig, J. S. Goddard, M. T. Vo, and R. Y. Yang	Graphical interface method, apparatus and application for creating multiple value list from superset list
5,781,363	B. S. Rowan and L. J. Serrano	Servo-free velocity estimator for coil driven actuator arm in a data storage drive
5,781,379	A. D. Erpelding, D. D. Palmer, O. J. Ruiz, and S. Pattanaik	Single beam flexure for a head gimbal assembly
5,781,413	D. B. Stone, J. R. Wilcox, J. S. Kresge, and W. J. Howell	Method and apparatus for directing the input/output connection of integrated circuit chip cube configurations
5,781,430	R. Y. Tsai	Optimization method and system having multiple inputs and multiple output responses
5,781,452	D. H. Lee and S. Sudharsanan	Method and apparatus for efficient decompression of high quality digital audio
5,781,537	A. Segall and R. Ramaswami	Setting up, taking down and maintaining connections in a communications network
5,781,546	H. Sethu	Route restrictions for deadlock free routing with increased bandwidth in a multi-stage cross point packet switch
5,781,607	R. E. Acosta and R. G. Viswanathan	Membrane mask structure, fabrication and use
5,781,682	A. A. Lacerte, D. Kuchta, G. W. Johnson, J. Trehwella, M. Gauvin, M. S. Cohen, N. A. Lee, S. Spanoudis, S. Tremblay, and S. E. Ouimet	Low-cost packaging for parallel optical computer link
5,781,715	T. L. Sheu	Fault-tolerant bridge/router with a distributed switch-over mechanism
5,781,736	M. A. Schmidt	Method for obtaining the state of network resources in a distributed computing environment by utilizing a provider associated with indicators of resource states
5,781,737	M. A. Schmidt	System for processing requests for notice of events
5,781,738	S. M. French and V. E. Corn	Procedure for safely terminating network programs during network logoff
5,781,739	G. L. Lee, I. H. Chung, J. E. Hill, M. A. Bach, R. S. Uyehara, S. T. Kuo, and T. Lai	IMS/WWW mapping system
5,781,757	S. R. Deshpande	Adaptive, scalable cache coherence network for a multiprocessor data processing system
5,781,763	B. L. Beukema, D. F. Moertl, G. S. Delp, L. W. Loen, and M. R. Trombley	Independent control of DMA and I/O resources for mixed-endian computing systems
5,781,778	H. Pan and M. Meier	Method and system for debugging parallel and distributed applications
5,781,798	D. L. Beatty, R. E. Hamm, and Y. Nishida	Method and apparatus for providing hot swapping capability in a computer system with static peripheral driver software
5,781,897	R. J. Recio and W. T. Chen	Method and system for performing record searches in a database within a computer
5,781,906	C. Aggarwal, J. Wolf, and P. S. Yu	System and method for construction of a data structure for indexing multidimensional objects

5,781,907	J. L. Howe III and K. R. Blackman	Method for the incremental presentation of non-object-oriented datastores using an object-oriented queryable datastore collection
5,781,922	G. M. Braceras, K. J. Goodnow, and S. T. Ventrone	Page boundary caches
5,782,356	C. P. Ausschnitt, J. S. Hugg, and W. H. Advocate	Container for storing and transporting fragile objects
5,782,403	L. Wang	Ultrasonic chip removal method and apparatus
5,782,690	B. Gustafson, C. Wexelblatt, D. J. Miller, F. C. Ringer, Jr., and R. A. Horr	Curtain fire damper
5,783,026	G. Natarajan, J. U. Knickerbocker, and R. W. Pasco	Apparatus for stacking sheets by carriers
5,783,102	J. H. Keller	Negative ion inductive source for etching high aspect ratio structures
5,783,113	C. Hunter, J. M. Wargo, J. P. Nayak, M. E. Cropp, and N. Wier-Cavalieri	Conductive paste for large greensheet screening including high thixotropic agent content
5,783,114	D. Dyer and R. Twieg	Liquid crystalline display
5,783,252	B. K. Appelt, K. I. Papathomas, M. D. Poliks, R. M. Japp, and W. T. Fotorny	Technique for forming resin-impregnated fiberglass sheets
5,783,309	C. A. Whiting, K. R. Kimmel, T. B. Faure, and W. D. Pricer	Recovery of an anodically bonded glass device from a substrate by use of a metal interlayer
5,783,361	J. T. Fahey, K. M. Welsh, R. Sooriyakumaran, W. E. Conley, and W. M. Moreau	Microlithographic structure with an underlayer film containing a thermolyzed azide compound
5,783,949	P. F. Lu, W. R. Reohr, and Y. H. Chan	Precharged bit decoder and sense amplifier with integrated latch usable in pipelined memories
5,783,960	D. E. Lackey	Integrated circuit device with improved clock signal control
5,783,981	A. J. Wallash, D. M. Hannon, E. A. Cunningham, J. B. Brown, N. C. Apuzzo, P. S. Tyler, R. Mallette, S. E. Abboud, and S. H. Voss	Magnetic reinitialization of thin film magnetoresistive reproducing heads at the suspension level of media drive manufacturing
5,784,010	D. T. Flynn, J. D. Coker, R. L. Galbraith, and T. C. Truax	Method and apparatus for implementing a set rate code for data channels
5,784,045	J. H. Werner, R. L. Poston, S. H. Isensee, and T. L. Cline	Perimeter sliding windows
5,784,055	C. H. Ngai	Color control for on-screen display in digital video
5,784,060	D. F. Champion and R. L. Bertram	Interactive list and keyboard display
5,784,066	E. C. Prosser, N. E. Aizikowitz, and R. R. Roediger	Method and apparatus for using partner information to color nodes in an interference graph within a computer system
5,784,076	D. T. Crump and S. Pancoast	Video processor with data translation
5,784,163	A. R. Taheri and H. Lu	Optical differential profile measurement apparatus and process
5,784,260	A. F. Moring, D. M. Passante, J. A. Knight, J. A. Kotylo, J. W. Fuller, Jr., and M. B. Fletcher	A structure for constraining the flow of encapsulant applied to an I/C chip on a substrate
5,784,290	D. S. Kung and L. Reddy	Multi-chip device partitioning process
5,784,294	D. B. Silverman and D. E. Platt	System and method for comparative molecular moment analysis (CoMMA)
5,784,298	J. G. Wacławsky and P. C. Hershey	Apparatus and method for using finite state machines (FSMS) to monitor a serial stream for characteristic patterns
5,784,311	B. Davari, F. Assaderaghi, G. G. Shahidi, J. A. Mandelman, and L. L. Hsu	Two-device memory cell on SOI for merged logic and memory applications
5,784,330	G. A. Yeung, J. Beck, and T. L. Leasure	Evenly distributed RC delay word line decoding and mapping
5,784,383	P. J. Meaney	Apparatus for identifying SMP bus transfer errors
5,784,387	A. X. Widmer	Method for detecting start-of-frame, end of frame and idle words in a data stream
5,784,391	B. Konigsburg	A distributed memory system with ECC and method of operation
5,784,394	G. D. Carpenter, J. Gruger, J. C. Wang, K. Cheng, and M. J. Alvarez	Method and system for implementing parity error recovery schemes in a data processing system
5,784,421	D. Dolev, H. R. Strong, and R. Reischuk	Anonymous time synchronization method
5,784,459	D. J. Zukowski, M. Devarakonda, and W. H. Tetzlaff	Method and apparatus for secure, remote swapping of memory resident active entities
5,784,504	C. G. Harrison, D. Chow, H. Page, N. Anthony, T. Issadisai, and W. J. Anderson	Disambiguation input strokes of a stylus-based input device for gesture or character recognition
5,784,544	J. S. Stevens	Method and system for determining the data type of a stream of data
5,784,575	B. T. Patel, P. Perry, and S. F. Oakland	Output driver that parks output before going tristate

5,784,576	D. Neal, D. M. Neal, G. L. Guthrie, and R. A. Kelley	Method and apparatus adding and removing components of a data processing system without powering down
5,784,578	D. W. Galloway and J. M. Mathewson	Method and system for enhancing the efficiency of data communication between a terminal device and a host computer having an optimizer
5,784,580	C. N. Tran	System and method for communicating between devices
5,784,583	R. J. Redpath	Intuitive technique for building graphical menus
5,784,604	J. S. Muhich, S. W. White, and T. M. Potter	Method and system for reduced run-time delay during conditional branch execution in pipelined processor systems utilizing selectively delayed sequential instruction purging
5,784,606	T. M. Potter	Method and system in superscalar data processing system for the efficient handling of exceptions
5,784,610	F. J. Yeskel, J. A. Pridmore, J. R. Copeland, L. L. Weaver, L. M. Doby, L. P. Hobbs, S. Smith, T. C. Smith, and V. P. Johnkin	Check image distribution and processing system and method
5,784,612	C. H. Crane, E. M. Philpot, Jr., K. W. Walker, Jr., and S. J. Sirkin	Configuration and unconfiguration of distributed computing environment components
5,784,613	C. G. Tamirisa	Exception support mechanism for a threads-based operating system
5,784,617	J. T. Rodell, M. A. Wright, and P. G. Greenstein	A resource-capability-based method and system for handling service processor requests
5,784,632	G. G. Pechanek, J. G. Delgado-Frias, and S. Vassiliadis	A parallel diagonal-fold array processor
5,784,633	J. S. Petty	System for obtaining status data unrelated to user data path from a modem and providing control data to the modem without interrupting user
5,784,638	J. M. Keaty, J. W. Goetz, and S. W. Mahin	Computer system supporting control transfers between two architectures
5,784,643	I. B. Shields	System incorporating program for intercepting and interpreting or altering commands for generating I/O activity for enabling real-time user feedback by sending substitute characters to modem
5,784,697	A. D. Smet, D. A. Morrison, L. K. McMains, M. R. Funk, R. A. Petrillo, R. C. Seemann, and T. J. Torzewski	Process assignment by nodal affinity in a multiprocessor system having non-uniform memory access storage architecture
5,784,698	D. R. Nowlen, D. W. Finney, J. M. Menon, J. T. Brady, M. A. Ko, M. H. Hartung, and N. Mendelsohn	Dynamic memory allocation
5,784,701	J. T. Rodell, P. G. Greenstein, and R. R. Guyette	A method and system for dynamically changing the size of a hardware system area
5,784,710	J. M. Kaiser and W. E. Maule	Coupling of processor to memory system
5,784,782	C. M. Boyko, D. S. Farquhar, M. J. Klodowski, and R. M. Japp	Method for fabricating printed circuit boards with cavities
5,785,535	B. Chan, G. E. Myrto, J. H. Sherman, and W. L. Brodsky	Computer system with surface mount socket
5,785,538	B. S. Beaman, D. Y. Shih, K. E. Fogel, M. H. Norcott, and P. A. Lauro	High density test probe with rigid surface structure
5,785,584	A. M. Palagonia and P. Marmillion	Planarizing apparatus with deflectable polishing pad
5,785,585	P. A. Manfredi, R. A. Bartley, R. G. Morris, and Y. Chamberlin	Polish pad conditioner with radial compensation
5,785,703	B. D. Goodman, H. W. Kaufman, J. J. Wynne, and J. M. Jacobs	Dental procedures and apparatus using ultraviolet radiation
5,785,799	H. Shaukatullah, M. A. Gaynes, P. K. Seto, and T. M. Culnane	Apparatus for attaching heat sinks directly to chip carrier modules using flexible epoxy
5,785,800	G. Natarajan, K. A. Smith, and N. Patel	Apparatus for forming cavity structures using thermally decomposable surface layer
5,786,041	A. Takenaka, H. Takano, K. Tajima, K. W. Lee, and S. C. Lien	An alignment film, a method for producing the alignment film and a liquid crystal display device using the alignment film
5,786,131	G. M. Wallraff, R. A. DiPietro, and R. D. Allen	Photoresist composition for deep ultraviolet radiation and process for its use
5,786,237	J. Maltabes, L. J. O'Connor, M. A. Cockerill, and S. H. Voldman	Method for forming a monolithic electronic module by stacking planar arrays of integrated circuit chips
5,786,626	F. M. Guindon, M. J. Brady, N. G. Favreau, P. Murphy, and P. A. Moskowitz	Thin radio frequency transponder with leadframe antenna structure
5,786,628	C. L. Bertin, D. J. Perlman, J. E. Cronin, J. M. Leas, K. E. Beilstein, and W. J. Howell	Method and workpiece for connecting a thin layer to a monolithic electronic modules surface and associated module packaging
5,786,635	D. J. Alcoe and S. B. Sathe	Electronic package with compressible heatsink structure
5,786,690	J. R. Kirtley and M. B. Ketchen	High resolution three-axis scanning SQUID microscope having planar solenoids

5,786,700	J. Obrzut and K. C. Jen	Method for determining interconnection resistance of wire leads in electronic packages
5,786,769	D. W. Johnson and P. W. Coteus	Method and system for detecting the presence of adapter cards
5,786,771	H. T. Olnowich, J. D. Jabusch, J. W. Feeney, and R. F. Lusch	Selectable checking of message destinations in switched parallel network
5,786,805	F. Barry	Method apparatus for improving object selection on a computer display by providing cursor control with a sticky property
5,786,826	T. Y. Kwok	Method and apparatus for parallel rasterization
5,786,856	A. Y. Ngai, B. A. Hall, J. M. Kaczmarczyk, and R. L. Woodard	Method and adaptive quantization by multiplication of luminance pixel blocks by a modified, frequency ordered hadamard matrix
5,786,873	A. E. Rosenbluth, D. B. Dove, F. E. Doany, G. L. Chiu, J. S. Wilczynski, R. N. Singh, and T. M. Cipolla	Efficient optical system for a high resolution projection display employing reflection light valves
5,786,934	A. E. Rosenbluth, D. B. Dove, F. E. Doany, G. L. Chiu, J. S. Wilczynski, R. N. Singh, and T. M. Cipolla	Efficient optical system for a high resolution projection display employing reflection light valves
5,786,963	S. S. Malek	Servo information recording method and apparatus for an enclosed data storage system
5,786,986	A. Viehbeck, C. A. Kovac, K. Hermann, M. F. Bregman, P. A. Poore, and S. L. Buchwalter	Multi-level circuit card structure
5,787,001	J. M. Tang, J. P. Fasano, T. R. Ervolina, and W. C. Dietrich	Method for using sorting techniques in a type-safe way
5,787,094	C. W. Preuss, D. R. Cecchi, K. M. Valk, and M. V. Dina	Test and diagnostics for a self timed parallel interface
5,787,098	K. V. Srikrishnan, R. Walther, and S. Dasgupta	Complete chip I/O test through low contact testing using enhanced boundary scan
5,787,197	H. Beigi, K. Wenstrup, T. Fujisaki, and W. Modlin	A post-processing error correction scheme using a dictionary for on-line handwriting recognition
5,787,231	O. Weber and W. J. Johnson	Method and system for improving pronunciation in a voice control system
5,787,249	A. S. Gopal, J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	A method for managing membership of a group of processors in a distributed computing environment
5,787,250	A. S. Gopal, J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	A program product for managing membership of a group of processors in a distributed computing environment
5,787,254	G. F. McBrearty, J. J. Maddalozzo, and J. M. Shieh	Web browser method and system for display and management of server latency
5,787,256	M. D. Marik, R. A. Palo, and S. E. Waefler	Apparatus and method for data communication between nodes
5,787,274	J. Rissanen, M. Mehta, and R. Agrawal	Method and system for generating a decision tree classifier for data records
5,787,275	S. G. Li	Identifying multiple level class relationships in an object oriented system using icons and lines to represent class relationships
5,787,279	I. Rigoutsos	System and method for conformationally-flexible molecular recognition
5,787,283	E. J. Poole, G. Chin, J. M. Tang, J. P. Fasano, T. R. Ervolina, and W. C. Dietrich	Framework for manufacturing logistics decision support
5,787,285	D. L. Lanning	Apparatus and method for optimizing applications for multiple operational environments or modes
5,787,286	R. A. Hooker	Method and system for tabulation of execution performance
5,787,289	B. R. Wood, G. A. Flurry, J. A. Cook, and L. W. Henson	Display adapter supporting priority based functions
5,787,290	A. X. Tra, L. B. Capps, Jr., and S. H. Lam	Adapter with an onboard interrupt controller for controlling a computer system
5,787,292	G. J. Smith and H. H. Ottesen	Power saving method and apparatus for use in multiple frequency zone drives
5,787,304	M. G. Hurley, M. S. Shih, N. K. Ouchi, and P. Hodges	Multipath I/O storage systems with multipath I/O request mechanisms
5,787,309	J. T. Rodell, P. G. Greenstein, and R. R. Guyette	Apparatus for protecting storage blocks from being accessed by unwanted I/O programs using I/O program keys and I/O storage keys having M number of bits
5,787,365	J. C. Wulf, J. L. Rivero, R. B. Ferrier, and R. S. Padgett	Apparatus for combining cellular telephone ring signals and PSTN ring
5,787,394	D. Nahamoo, L. R. Bahl, M. Padmanabhan, and P. S. Gopalakrishnan	State-dependent speaker clustering for speaker adaptation
5,787,409	R. Seiffert and S. Wong	Dynamic monitoring architecture

5,787,415	M. J. Tefft and P. Jacobson	Low maintenance data delivery and refresh system for decision support system database
5,787,425	J. P. Bigus	An object oriented framework mechanism for performing data mining
5,787,427	A. Nadalin, G. R. Blakley III, and M. Benantar	Information handling system, method, and article of manufacture including object groups for efficient object security processing by grouping
5,787,433	M. S. Schwartz and R. C. Plotkin	Method and system for remapping an existing database to a new database system
5,787,436	J. L. Howe III and K. R. Blackman	A method for using a datastore cursor for the incremental presentation of query results when traversing implied collections in non-object-oriented datastores
5,787,438	K. A. Cink and R. L. Newcombe	Method and apparatus for incorporating policies in searches for factory objects
5,787,444	B. Hanover, C. H. Gerken, R. Willenborg, and S. R. Joines	Method and apparatus for maintaining revision control of a set of objects within a data processing system
5,787,450	J. K. Finkenaur, R. A. Diedrich, and S. T. Evans	Apparatus and method for constructing a non-linear data object from a common gateway interface
5,787,457	C. P. Miller, J. L. Rogers, and S. W. Tomashot	Cached synchronous DRAM architecture allowing concurrent DRAM operations
5,787,472	A. Dan and D. Sitaram	Disk caching system for selectively providing interval caching or segment caching of video data
5,787,477	K. Ekanadham and R. N. Rechtschaffen	Multi-processor cache coherency protocol allowing asynchronous modification of cache data
5,787,478	D. A. Hicks, M. J. Mayfield, P. P. Liu, and R. P. Singh	Method and system for implementing a cache coherency mechanism for utilization within a non-inclusive cache memory hierarchy
5,787,479	R. B. Patel and S. Mallick	Method and system for preventing information corruption in a cache memory caused by an occurrence of a bus error during a linefill operation
5,787,486	C. M. Herring, G. Totolos, H. Chin, and J. E. Derrick	Bus protocol for locked cycle cache hit
5,787,492	R. Hayosh and S. G. Shuma	Address limit check apparatus with conditional carry logic
5,787,578	B. Peterson, D. R. Wall, J. U. Knickerbocker, R. V. Vallabhaneni, S. Farooq, S. Kaja, and S. N. Reddy	Method of selectively depositing a metallic layer on a ceramic substrate
5,787,939	N. L. Keim and W. D. Morgan	Method and apparatus for reforming radial leaded components
5,788,801	E. H. Ratzlaff, J. Wong, L. Li, S. G. Barbee, T. F. Heinz, and Y. Hsiao	Real time measurement of etch rate during a chemical etching process
5,788,808	C. H. Perry, G. Natarajan, R. W. Pasco, and V. Peterson	Apparatus for forming cavity substrates using compressive pads
5,788,853	F. Zenhausern	Substrate and method for microscopical observation of amorphous specimens
5,788,870	G. S. Oehrlein, T. N. Nguyen, and Z. A. Weinberg	Promotion of the adhesion of fluorocarbon films
5,789,121	C. R. Davis, D. A. Cywar, E. P. McLeskey, F. D. Egitto, G. W. Jones, P. J. Hart, and T. P. Duffy	High density template: materials and processes for the application of conductive pastes
5,789,124	B. Todd	Method of monitoring lithographic resist poisoning
5,789,276	J. A. Mandelman and J. M. Leas	Optical FET
5,789,286	S. Subbanna	Method of making a CMOS structure with FETS having isolated wells with merged depletions
5,789,312	D. Buchanan, F. R. McFeely, and J. J. Yurkas	Method of fabricating mid-gap metal gates compatible with ultra-thin dielectrics
5,789,320	A. Grill, A. Schrott, D. E. Kotecki, J. H. Comfort, K. Saenger, P. C. Andricacos, and V. V. Patel	Plating of noble metal electrodes for DRAM and FRAM
5,789,324	A. Canale, D. Grimard, R. D. Cox, and T. Hetrick	Uniform gas flow arrangements
5,789,682	A. Zubelewicz, G. T. Dickinson, J. L. McGinniss, Jr., and R. F. Tokarz	Circuit board assembly torsion tester and method
5,789,807	A. Correale	On-chip power distribution for improved decoupling
5,789,810	L. D. Gross and R. W. Cadovius	Semiconductor cap
5,789,930	D. A. Sluzewski, M. K. Hoffmeyer, and P. D. Isaacs	An apparatus and method to test for known good die
5,789,937	L. A. Walls, P. K. Or, S. Dutta, T. A. Cao, T. D. Trinh, and T. Q. Nguyen	Driver circuit
5,789,964	S. H. Voldman	Decoupling capacitor network for off-state operation
5,789,966	R. A. Bechade	Distributed multiplexer

5,789,989	D. W. Siljeborg and M. J. Paschal	Delay interpolating voltage-controlled oscillator with linear transfer function
5,790,025	D. DiVincenzo, N. Gershenfeld, and N. M. Amer	Tamper detection using bulk multiple scattering
5,790,090	E. S. Schlig and F. R. Libsch	Active matrix liquid crystal display with reduced drive pulse amplitudes
5,790,104	J. M. Shieh	Multiple, moveable, customizable virtual pointing devices
5,790,118	R. L. Bertram	Mobile client computer programmed to hide empty table elements
5,790,125	C. R. Johns, J. Roberson, J. Spannaus, and T. L. Bui	System and method for use in a computerized imaging system to efficiently transfer graphics information to a graphics subsystem employing masked span
5,790,199	A. Y. Ngai, C. A. Gebler, M. P. Vachon, and R. L. Woodard	Method and apparatus to accommodate partial picture input to an MPEG-compliant encoder
5,790,254	C. P. Ausschnitt	Monitoring of minimum features on a substrate
5,790,277	A. Edgar	Duplex film scanning
5,790,334	E. A. Cunningham	Circuit and method for optimizing bias supply in a magnetoresistive head based on the thermal properties of the MR head itself
5,790,341	D. T. Flynn, E. A. Cunningham, J. A. Christner, M. Hagen, M. A. Bergquist, and T. C. Christensen	Method and apparatus for reducing servo interference in a magnetoresistive head using skew between head and servo patterns
5,790,352	E. A. Cunningham	Magnetoresistive head with asymmetric leads
5,790,380	R. F. Frankeny	Method for fabricating a multiple chip module using orthogonal reorientation of connection planes
5,790,384	E. R. Atwood and U. M. Ahmad	Bare die multiple dies for direct attach
5,790,386	R. A. Magee	High I/O density MLC flat pack electronic component
5,790,406	D. Lewis and J. P. Dunn	Hierarchical system of the simple modification of process steps for a manufacturing tool
5,790,431	A. Chandra and G. H. Ahrens	Method and system for measuring availability in a distributed network
5,790,433	A. Tam, B. Karni, B. M. Harper, H. Seing, M. Barenboim, P. Baumgart, P. J. Kerstens, and P. P. Chrusch	Method for controlling laser power in a texturing process
5,790,444	C. H. Olson and M. S. Schmookler	Fast alignment unit for multiply-add floating point unit
5,790,445	C. H. Olson, L. E. Eisen, R. T. Golla, and T. A. Elliott	Method and system for performing a high speed floating point add operation
5,790,491	A. Mojica and G. A. Jaquette	Calibrating optical disk lasers using a minimal amount of write-once data storage space
5,790,544	A. A. Slane and M. E. Aho	ATM cell-to-frame reassembly method and apparatus for overrun avoidance
5,790,553	C. Rheinart, C. E. Williford, D. J. Franse, G. A. Deaton, J. H. Ragsdale, J. J. Lynch, R. J. Potok, and V. G. Horton	Seamless peer-to-peer communications in a layered communications architecture
5,790,560	C. M. Durham and P. J. Klim	Apparatus and method for timing self-timed circuitry
5,790,564	G. S. Koch, J. Connor, L. Ternullo, and R. D. Adams	Memory array built-in self-test circuit having a programmable pattern generator for allowing unique read/write operations to adjacent memory cells, and method therefor
5,790,625	R. K. Arimilli	Mechanism for enabling an array of numerous large high speed counters
5,790,714	D. C. Frank and W. L. McNeil	System and method for scaling video
5,790,772	A. S. Gopal, J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	A communications method involving groups of processors of a distributed computing environment
5,790,788	J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	Managing group events by a name server for a group of processors in a distributed computing environment
5,790,819	B. S. Rosenburg, J. H. Summers, M. H. Skelton, and T. Roth	Mechanism for fine-grained and coarse-grained control of zooming in a display of a one-dimensional data set
5,790,823	H. S. Stone and T. R. Puzak	Operand prefetch table
5,790,835	D. L. Jordan, R. Case, and S. Strang	Practical distributed transmission line analysis
5,790,838	C. L. Johnson, D. J. Krolak, J. D. Irish, and S. B. Levenstein	Pipelined memory interface and method for using the same
5,790,839	W. Hwang and W. K. Luk	System integration of DRAM macros and logic cores in a single chip architecture
5,790,840	D. Bulka and M. Presler-Marshall	Timestamp systems, methods and computer program products for data processing systems
5,790,844	C. F. Webb, J. S. Liptay, M. A. Check, and M. S. Farrell	Millicode load and test access instruction that blocks interrupts in response to access exceptions
5,790,846	B. G. Mealey, J. W. Van Fleet, and M. S. Williams	Interrupt vectoring for instruction address breakpoint facility in computer systems
5,790,847	D. F. Hafner, M. W. Rush, and P. D. Heinlein	Integration of groupware with activity based management via facilitated work sessions

5,790,859	V. Sarkar	Method of, system for, and computer program product for efficient identification of private variables in program loops by an optimizing compiler
5,790,867	R. R. Roediger and W. J. Schmidt	Compiler with extended redundant copy elimination
5,790,886	S. C. Allen	Method and system for automated data storage system space allocation utilizing prioritized data set parameters
5,790,887	B. L. Brech	Method and apparatus for processing programmed input/output (PIO) operations in a computer system
5,790,892	J. M. Kaiser and W. E. Maule	Information handling system including a memory controller with a single intervention buffer
5,790,893	R. H. Siegel and S. E. Polge	Segmented concurrent receive/transfer using shared RAM storage
5,791,754	F. E. Doany, R. N. Singh, and T. M. Cipolla	Compact desktop projection display using three mirrors
5,791,911	B. V. Fasano and K. Prettyman	Coaxial interconnect devices and methods of making the same
5,791,934	D. T. Zimmerman, J. A. Hatley, J. T. Paradise, and K. Watts	Probeless fixture for adapter card testing
5,791,992	D. B. Nicol and D. T. Crump	Video game system with internet cartridge
5,792,275	C. Yu, J. J. Wu, and W. Natzle	Film removal by chemical transformation and aerosol clean
5,792,375	D. S. Farquhar	Method for bonding copper-containing surfaces together
5,792,510	R. F. Farrow and R. F. Marks	Method for making a chemically-ordered magnetic metal alloy film
5,792,569	A. Gupta, G. Xiao, J. Z. Sun, P. Lecoeur, and P. L. Trouilloud	Magnetic devices and sensors based on perovskite manganese oxide materials
5,792,703	G. B. Bronner and J. P. Gambino	Self-aligned contact wiring process for SI devices
5,793,048	G. Langner and P. F. Petric	Curvilinear variable axis lens correction with shifted dipoles
5,793,072	Y. Kuo	Non-photosensitive, vertically redundant 2-channel α -Si:H thin film transistor
5,793,075	C. C. Parks, J. Alsmeier, J. A. Mandelman, J. A. O'Neill, and P. C. Parries	Deep trench cell capacitor with inverting counter electrode
5,793,082	A. Bryant	Self-aligned gate sidewall spacer in a corrugated FET
5,793,091	R. G. DeVoe	Parallel architecture for quantum computers using ion trap arrays
5,793,103	S. J. Holmes, T. Ference, and T. H. Daubenspeck	Insulated cube with exposed wire lead
5,793,223	R. F. Frankeny	Reference signal generation in a switched current source transmission line driver/receiver system
5,793,228	D. A. Evans	Noise-tolerant dynamic circuits
5,793,272	C. Jahnke, C. Uzoh, D. C. Edelstein, and J. Burghartz	Integrated circuit toroidal inductor
5,793,353	F. Y. Wu	Cursor pointing device based on thin-film interference filters
5,793,358	D. Petkovic and E. J. Selker	Method and means for managing a luminescent laptop keyboard
5,793,370	C. Bates, E. E. Burris, and J. M. Ryan	Display apparatus for tossing windows
5,793,553	G. J. Smith	A method and assembly for increasing storage device reliability
5,793,568	G. J. Smith	Air bearing slider deflection apparatus and method for fabricating same
5,793,573	B. L. Rappel, E. A. Eckberg, and G. D. Malagrino, Jr.	Hybrid actuator servo actuated tape drive having a pivotally mounted motion transmission member
5,793,592	D. A. Evans, G. M. Bracer, J. Connor, and R. D. Adams	Dynamic dielectric protection circuit for a receiver
5,793,607	G. McVicker and J. P. Karidis	Ejection mechanism for PC cards
5,793,618	B. Chan and R. W. Nesky	Module mounting assembly
5,793,641	J. Sayah	Method and apparatus for placing and detecting prewire blockages of library cells
5,793,683	D. A. Evans	Wordline and bitline redundancy with no performance penalty
5,793,697	J. H. Kaufman, R. E. Scheuerlein, S. S. Parkin, and W. J. Gallagher	Read circuit for magnetic memory array using magnetic tunnel junction devices
5,793,705	D. C. Gazis, R. J. Von Gutfeld, and W. Kane	Ultrasonic liquid level gauge for tanks subject to movement and vibration
5,793,711	N. A. Bojarczuk, R. J. Gambino, and R. R. Ruf	Composite magneto-optic memory and media
5,793,718	C. DeCusatis and L. Jacobowitz	Active tracking system for optical disk storage
5,793,746	O. Gerstel and R. Ramaswami	Fault-tolerant multichannel multiplexer ring configuration
5,793,764	B. M. Bass, K. H. Potter, Jr., R. W. Bartoldus, and W. C. Troop	LAN switch with distributed copy function
5,793,777	S. Kundu	Single clock scan design for skewed load test
5,793,815	K. J. Goodnow, M. S. Michail, S. T. Ventrone, and W. D. Pricer	Calibrated multi-voltage level signal transmission system
5,793,816	D. T. Hui	Method of transferring data between subsystems of a computer system

5,793,836	A. T. Pomerene, C. Narayan, F. Doany, J. M. Shaw, J. R. Maldonado, K. Kimmel, M. Angelopolus, and R. E. Acosta	X-ray mask pellicle
5,793,885	J. M. Kasson	Computationally efficient low-artifact system for spatially filtering digital color images
5,793,895	M. Willebeek-LeMair, Y. C. Chang, and Z. Y. Shae	Intelligent error resilient video encoder
5,793,944	D. A. Luick	System for restoring register data in a pipelined data processing system using register file save/restore mechanism
5,793,962	A. S. Gopal, J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	A system for managing membership of a group of processors in a distributed computing environment
5,793,964	K. Lagarde and R. M. Rogers	A web browser system
5,793,977	M. A. Schmidt	System for processing requests for states of resources
5,793,982	D. L. Skeel, G. E. Dever, J. L. Bunce, and T. J. Shrader	Validating an install plan for the network installation containing multiple transports and redirectors
5,793,983	A. J. Stagg, L. F. Menditto, M. Albert, R. Holt, and T. V. Nguyen	Input/output channel interface which automatically deallocates failed subchannel and re-segments data block for transmitting over a reassigned subchannel
5,793,986	C. R. Moore and R. J. Reese	Method and system for enhanced efficiency of data transfers from memory to multiple processors in a data processing system
5,794,013	G. F. McBrearty	System and method for testing computer components in development environments
5,794,017	D. J. Liguori, E. K. Evans, and R. M. West	Method and system of updating graphics memory in a graphics display system through multiple address transferring of pixel data
5,794,019	J. Mosley and T. B. Genduso	Processor with free running clock with momentary synchronization to subsystem clock during data transfer
5,794,023	P. C. Hobbs and T. van Kessel	Apparatus utilizing a variably diffractive radiation element
5,794,024	C. H. Olson, R. T. Golla, and T. M. Potter	Method and system for dynamically recovering a register-address-table
5,794,027	G. F. Grohoski and R. Nair	Method and apparatus for improving system performance in a cache-based data processing system
5,794,033	C. L. Basso, D. Orsatti, F. Verplanken, J. Calvignac, J. C. Zunino, J. P. Aldebert, and P. Chemla	Method and system for in-site and on-line reprogramming of hardware logics with remote loading in a network device
5,794,035	F. L. Rawson III and G. G. Sotomayor, Jr.	Device driver and input/output hardware resource manager
5,794,046	H. Pan and M. Meier	Method and system for debugging parallel and distributed applications
5,794,047	M. Meier	Method of walking-up a call stack for a client/server program that uses remote procedure call (RPS)
5,794,056	D. H. Brown	System for automatic buffering of commands for DASD units
5,794,069	A. B. McNeill, D. R. Chisholm, E. I. Wachtel, G. B. Hoch, and T. V. Lee	Information handling system using default status conditions for transfer of data blocks
5,794,235	D. M. Chess	System and method for dynamic retrieval of relevant information by monitoring active data streams
5,794,237	R. C. Gore, Jr.	System and method for improving problem source identification in computer systems employing relevance feedback and statistical source ranking
5,794,243	G. O. Blandy, R. J. Urquhart, and W. P. Alexander	Method and apparatus for a binary search technique for minimizing data cache misses
5,794,245	F. Chen	A generic wrapper for decompressing DOS driver sys files
5,794,247	J. L. Howe III and K. R. Blackman	A method for representing data from non-relational, non-object-oriented, datastores as queryable datastore persistent objects