

Recent IBM patents

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

Canada

2,083,017	A. J. Kerklaan and A. W. Ainsbury	Tandem circuit cards
2,097,232	E. A. Merks and P. J. Beaudet	Displaying partial graphs by expanding and collapsing nodes
2,114,653	C. M. Look, J. Geofroy, J. Kothary, and P. B. Kothary	Method and apparatus for broadband transmission from a central office to a number of subscribers
2,121,402	A. Z. Zhao	A system for fast 90 degree rotation of bi-level images

France

102,713	F. Bauchot and G. Marmigere	Method for establishing radio connection as part of an ATM network
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Germany

19,727,386.6	A. R. Newth and H. R. Bublitz	Shadow batches
69,228,120.7	W. Ruppert	Method and apparatus for elimination of color from multi-color image documents
69,323,196.3	H. Echensperger, H. H. Harz, M. Fox, R. Schaefer, R. Streit, and W. Eibach	Computer system and method for performing multiple tasks

Italy

834,227	F. M. Maggioni and T. Pirovano	Method and system for receiving data packets in a unidirectional broadcasting system
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Switzerland

598,966	C. Harder, C. H. Heusch, H. Jaeckel, and R. Clauberg	Optical waveguide isolator
598,969	A. K. Edwards, D. P. Pozefsky, H. D. Dykeman, R. D. Turner, S. Sarkar, and W. Doeringer	Inter-domain multicast routing

United Kingdom

623,877	C. Mohan and R. Dievendorf	System and method for storing persistent and non-persistent queued data
673,523	G. Black, P. G. Clarke, P. W. Johnson, R. M. Drew, R. M. Meli, and W. A. Kingston	Message transmission across network
806,050	A. R. Knox and J. S. Beeteson	Raster demodulation apparatus and method
834,128	I. Rose, J. A. Scott, J. P. Strickland, and K. M. Kapulka	Data set backup in a shared environment
2,078,996	J. Tierney	Radial arm for flat panel display
2,297,451	J. M. Elmes	Video display apparatus

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United States

5,835,502	A. G. Aipperspach, L. L. Day, M. Vaddigiri, P. A. Ganfield, P. W. Wong, and T. Christensen	Method and apparatus for handling variable data word widths and array depths with a serial shared ABIST scheme
5,835,504	D. K. Balkin, K. Torino, R. M. Houle, and S. T. Ventrone	Soft fuses using BIST for cache self test
5,835,597	D. Coppersmith and P. W. Rogaway	Software-efficient pseudorandom function and the use thereof for encryption
5,835,625	G. Fitzpatrick and M. L. Williams	Method and apparatus for optical character recognition utilizing proportional nonpredominate color analysis
5,835,633	J. Mao, K. M. Mohiuddin, and T. Fujisaki	Concurrent two-stage multi-network optical character recognition system
5,835,683	F. Corella and M. Y. Kim	System and method for authoring an expert system
5,835,692	B. J. Cragun and M. D. Mitchell	System and method for providing mapping notation in interactive video displays
5,835,702	C. P. Roth, E. H. Welbon, and F. E. Levine	Performance monitor
5,835,705	A. H. Wottreng, J. C. Randolph, and T. D. Larsen	Method and system for performance monitoring in a multithreaded processor
5,835,708	J. G. Ellis and M. A. Wise	Extended programming interface for streams-based X.25
5,835,711	A. Parekh, J. Rayfield, P. Chang, and R. Guerin	Method and system for implementing multiple leaky bucket checkers using a hybrid synchronous/asynchronous update mechanism
5,835,714	D. A. Schroter and R. D. Herzl	Method and apparatus for reservation of data buses between multiple storage control elements
5,835,738	B. F. Boury, B. G. Frey, J. Reid, J. W. Blackledge, and R. E. Valli	Address space architecture for multiple bus computer systems
5,835,888	D. Kanevsky, J. Sedivy, and S. Roukos	Statistical language model for inflected languages
5,835,928	A. Chang, M. Auslander, and R. M. Meade	Circuitry and method for relating first and second memory locations where the second memory location stores information from the first memory location
5,835,930	J. J. Dobbek	Multiple logical tracks per physical track in a NoID disk drive
5,835,946	B. Cargnoni, J. M. Nunez, and J. T. Yen	High performance implementation of the load reserve instruction in a superscalar microprocessor that supports multi-level cache organization
5,835,954	L. M. Duyanovich, R. Shomler, and W. F. Micka	Target DASD controlled data migration move
5,836,007	F. R. Keyser, K. Clinton, and W. R. Larsen	Pre-charged memory bit line
5,836,011	G. M. Hambrick and J. M. Rowan	Implementation of teams and roles within a people oriented work environment
5,837,067	M. J. Canestaro	Precision fluid head transport
5,837,119	G. F. Walker, S. Purushothaman, and S. K. Kang	Methods of fabricating dendritic powder materials for high conductivity paste applications
5,837,978	D. Lewis, J. M. Shaw, and M. Hatzakis	Radiation control system
5,838,013	J. G. Hartley, M. S. Gordon, R. Butsch, and W. A. Enichen	Method for monitoring resist charging in a charged particle system
5,838,045	K. P. Muller and W. Natzle	Folded trench and RIE/deposition process for high-value capacitors
5,838,055	C. Yu, R. L. Kleinhenz, and W. Natzle	Trench sidewall patterned by vapor phase etching
5,838,160	B. S. Beaman, D. Y. Shih, G. F. Walker, K. E. Fogel, M. H. Norcott, and P. A. Lauro	Integral rigid chip test probe
5,838,169	E. B. Schorn	NMOS charge-sharing prevention device for dynamic logic circuits
5,838,170	E. B. Schorn	PMOS charge-sharing prevention device for dynamic logic circuits
5,838,205	C. J. Masenas, F. D. Ferraiolo, and J. E. Gersbach	Variable-speed phase-locked loop system with on-the-fly switching and method therefor
5,838,316	B. J. Arruza	Method and system for presenting a plurality of animated display objects to a user for selection on a graphical user interface in a data processing system
5,838,514	G. J. Smith and H. H. Ottesen	Method and apparatus for calibrating a thermal response of a magnetoresistive transducer
5,838,518	N. K. Frater	Disk drive suspension for increasing the arm to disk clearance
5,838,545	D. Clocher, G. G. Daves, J. Lisowski, J. M. Sullivan, and P. M. Elenius	High performance, low cost multi-chip module package
5,838,568	A. Zubelewicz, G. T. Dickinson, J. L. McGinniss, Jr., and R. F. Tokarz	Heated circuit assembly tester and method
5,838,582	P. G. Villarrubia and S. Mehrotra	Method and system for performing parasitic capacitance estimations on interconnect data within an integrated circuit
5,838,793	D. O. Lewis	Controlling movement of owned parts

5,838,903	G. R. Blakley III, I. M. Milman, and W. Sigler	Configurable password integrity servers for use in a shared resource environment
5,838,912	F. T. Tong, J. Leung, and P. S. Poon	Distribution of digitally encoded presentations
5,838,918	N. R. Prager, C. L. Jung, and S. T. Cochran	Distributing system configuration information from a manager machine to subscribed endpoint machines in a distributed computing environment
5,838,957	B. Rajaraman and S. Varma	A multi-stage timer implementation for telecommunications transmissions
5,838,991	J. R. Shipman	Preemptable idle time activities for constant data delivery
5,838,995	D. Neal, R. A. Kelley, and W. T. Chen	System and method for high frequency operation of I/O bus
5,840,447	S. Peng	Multi-phase photo mask using sub-wavelength structures
5,841,074	B. L. Shepherd and P. K. Egan	Backplane power distribution system having impedance variations in the form of space voids
5,841,293	J. M. Leas	Method and apparatus for screening integrated circuit chips for latch-up sensitivity
5,841,309	A. R. Bonaccio and W. D. Pricer	Low voltage input buffer for asymmetrical logic signals
5,841,420	A. E. Martinez and M. Kaply	Method and system in a data processing system windowing environment for displaying previously obscured information
5,841,425	C. V. Zenz, Sr.	An ambidextrous computer input device
5,841,434	L. A. Williamson, S. R. Arda, and T. M. Wiese	System and method for multi-platform implementation of objects on windowing computer systems
5,841,435	E. E. Kelley, F. Motika, and N. J. Dauerer	Virtual windows desktop
5,841,550	W. J. Johnson	Method and system for specification of time dependent acknowledgement transmission media
5,841,683	R. Hayosh, R. A. Bechade, and S. Shuma	Least significant bit and guard bit extractor
5,841,692	J. C. Slonczewski, J. Z. Sun, S. S. Parkin, and W. J. Gallagher	Magnetic tunnel junction device with antiferromagnetically coupled pinned layer
5,841,720	A. L. Roberts, J. J. Covino, and J. R. Sousa	Folded dummy word line
5,841,790	G. M. Salem and R. Lynch	Apparatus for testing an adapter card ASIC with reconfigurable logic
5,841,999	E. Hokenek and H. Q. Le	Information handling system having a register remap structure using a content addressable table
5,842,177	G. Fitzpatrick and T. R. Haynes	Management of calendar events in a data processing system
5,842,203	A. E. Martinez and D. F. D'Elena	Method and system for performing non-Boolean search queries in a graphical user interface
5,842,208	B. F. Smith, J. A. Ruddy, J. M. Garth, and T. E. Blank	High performance recover/build index system by unloading database files in parallel
5,842,219	R. H. High, Jr. and V. N. Kumar	Method and system for providing a multiple property searching capability within an object-oriented distributed computing network
5,842,226	C. C. Jung, C. Y. Chao, F. L. Rawson III, G. Barton, G. G. Sotomayor, Jr., and H. Singh	Backing store management method and apparatus for a microkernel data processing system
5,842,825	W. Brooks	Incremented rotated wafer placement on electro-static chucks for metal etch
5,842,910	D. K. Sturtevant, M. T. Tiersch, and T. Krywanczyk	Off-center grooved polish pad for CMP
5,843,196	D. Feikert and J. A. Leavey	Ultra-clean transport carrier
5,843,623	D. J. Pinckney	Low profile substrate ground probe
5,843,800	G. Costrini and J. H. Keller	Gettering of particles from an electro-negative plasma with insulating chuck
5,844,151	A. Homola, C. A. Brown, H. L. Merkins, H. R. Wendt, and R. Herbold	Method and apparatus for detecting and measuring organic materials on components of a magnetic storage system
5,844,317	A. R. Bertolet, E. Gramatzki, and J. Fiore	Consolidated chip design for wire bond and flip-chip package technologies
5,844,571	C. Narayanaswami	Z buffer bandwidth reductions via split transactions
5,844,607	A. Y. Ngai, B. A. Hall, and C. A. Gebler	Method and apparatus for scene change detection in digital video compression
5,844,742	B. C. Webb, E. J. Yarmchuk, M. Schultz, and T. J. Chainer	Radial self-propagation pattern generation for disk file servowriting
5,844,814	A. Chliwnyj, D. P. Rienstra, and S. C. Wills	Optical position sensing device and method for sub-micron measurement
5,844,890	G. S. Delp, P. Leichty, and P. L. Leichty	Communications cell scheduler and scheduling method for providing proportional use of network bandwidth
5,844,905	B. Rezvani, C. M. Olsen, D. N. McKay, M. Naghshineh, P. Kermani, and P. D. Hortensius	Extensions to distributed MAC protocols with collision avoidance using RTS/CTS exchanges
5,844,917	G. M. Salem and R. Lynch	Method for testing an adapter card ASIC using reconfiguration logic

5,844,921	S. Bou-Ghazale and S. Weitzel	Method and apparatus for testing a hybrid circuit having macro and non-macro circuitry
5,845,072	D. J. Lang, D. W. Finney, M. C. Johnson, and W. J. Ho	Method and apparatus for parallel and pipelining transference of data between integrated circuits using a common macro interface
5,845,113	A. N. Swami and H. C. Young	Method for external sorting in shared-nothing parallel architectures
5,845,118	A. Gheith	Method for generating shared library executable code with lazy global offset table address calculation
5,845,121	D. K. Carter	Expression evaluation in a multi-language debugger
5,845,126	D. Ju and J. Ng	A method of, system for, and computer program product for providing inlined nested array constructors using normalized counters
5,845,274	A. Chadha, A. Shibamiya, D. J. Haderle, R. W. Lyle, and S. Watts	Computer program product for avoiding complete index tree traversals in sequential and almost sequential index probes
5,845,318	J. H. Nord and R. A. Rose	DASD I/O caching method and application
5,846,361	B. Peterson, B. V. Fasano, D. C. Long, G. A. Pomerantz, K. C. O'Neil, M. LaPlante, and T. T. Popp	Lamination process for producing non-planar substrates
5,846,598	E. O'Sullivan and K. Semkow	Electroless plating of metallic features on nonmetallic or semiconductor layer without extraneous plating
5,847,324	D. S. Farquhar, J. R. Wilcox, L. J. Smith-Jimarez, N. B. Feilchenfeld, and W. L. Brodsky	High performance electrical cable and method of manufacture
5,847,823	A. Juliana, Jr., C. H. Lee, H. J. Rosen, J. H. Brannon, M. R. Latta, W. C. Leung, and W. I. Imaino	Surface inspection tool
5,847,860	A. C. Lowe and G. Hougham	High density electrochromic display
5,847,894	K. J. Erickson and T. J. Blank	Enhanced demodulator for improved position anti-aliasing capability
5,847,926	I. C. Noyan, M. J. Palmer, R. Horton, and W. E. Pence	Lightweight packaging
5,847,929	H. Shaukatullah, I. Memis, M. A. Gaynes, and W. E. Bernier	Attaching heat sinks directly to flip chips and ceramic chip carriers
5,847,988	A. W. Brouillette, G. Babson, P. H. Noel, R. J. Evans, R. J. Finch, and R. J. Ross	ROM storage cell and method of fabrication
5,848,163	D. Nahamoo, L. C. Polymenakos, M. Padmanabhan, and P. S. Gopalakrishnan	Method and apparatus for suppressing background music or noise from the speech input of a speech recognizer
5,848,227	T. L. Sheu	Method of providing fault tolerance and switch-over distribution in a bridge/router
5,848,283	B. J. Vicknair, C. R. Moore, and J. S. Muhich	Method and system for efficient maintenance of data coherency in a multiprocessor system utilizing cache synchronization
5,848,436	M. M. Schaffer and T. A. Sartorius	Method and apparatus for efficiently providing data from a data storage medium to a processing entity
5,849,629	A. K. Stamper, G. L. Langdeau, J. S. Slattery, R. Lebel, and T. R. Gow, Jr.	Method of forming a low stress polycide conductors on a semiconductor chip
5,849,638	C. J. Radens, D. E. Kotecki, and H. Ho	Deep trench with enhanced sidewall surface area
5,850,181	H. Heinrich, L. R. Zai, P. J. Sousa, and R. D. Martinez	Method of transporting radio frequency power to energize radio frequency identification transponders
5,850,374	A. P. Praino, D. Abraham, H. K. Wickramasinghe, and M. E. Re	Method and apparatus for data storage using thermal proximity imaging
5,850,530	D. Neal, R. A. Kelley, and W. T. Chen	Method and apparatus for improving bus efficiency by enabling arbitration based upon availability of completion data
5,850,542	D. Schroter and J. Van Norstrand	Microprocessor instruction hedge-fetching in a multiprediction branch environment
5,850,544	B. Parvathaneny and V. Srinivasan	System and method for efficient relational query generation and tuple-to-object translation in an object-relational gateway supporting class inheritance
5,850,550	C. H. Li, I. A. Wang, J. Ng, K. W. Hwang, M. H. Pirahesh, S. H. Yeh, T. M. Lo, and W. Young	No preprocessor and a source level debugger for embedded SQL in a 3GL
5,850,562	D. T. Crump and S. Pancoast	Personal computer apparatus and method for monitoring memory locations states for facilitating debugging of post and BIOS code
5,850,563	A. J. Loper, Jr. and S. Mallick	Processor and method for out-of-order completion of floating-point operations during loadstore multiple operations
5,851,903	A. K. Stamper	Method of forming closely pitched polysilicon fuses
5,852,257	E. Dittmann and M. K. Saraiya	Optical module with fluxless laser reflow soldered joints
5,852,373	M. Lee, S. G. Chu, and V. R. Kodali	Logic circuit
5,852,440	B. M. Grossman, C. A. Pickover, D. Winarski, and J. G. McLean	Method and system for facilitating the selection of icons

5,852,731	I. A. Wang and R. Korenshtein	Computer program product for synchronizing static variable initialization and reference under a multi-threaded computer environment
5,852,738	B. R. Grimes, D. S. Cronk, M. R. Turner, and R. Bealkowski	Method and apparatus for dynamically controlling address space allocation
5,852,747	E. Johnson, R. B. Bennett, and T. L. Woodnorth	System for awarding token to client for accessing first data block specified in client request without interference due to contention from other client
5,854,141	B. Luther and J. E. Cronin	Inorganic seal for encapsulation of an organic layer and method for making the same
5,854,629	R. J. Redpath	Enhanced scrolling technique for context menus in graphical user interfaces
5,854,633	M. Hamzy, M. Rutkowski, M. Vanderwiele, and M. R. Cooper	Method of and system for dynamically adjusting color rendering
5,854,722	E. A. Cunningham, H. H. Ottesen, and K. J. Erickson	Method and apparatus for rotary actuator arc compensation correction in a direct access storage device
5,854,754	C. Dragoescu and L. F. Cabrera	Scheduling computerized backup services
5,854,896	K. C. Briskey, K. K. Rothaupt, and L. Brenner	A method and apparatus for creating persistent isolated sub-environments in a massively parallel processing system environment
5,854,908	C. R. Ogilvie and P. C. Stabler	A computer system generating a processor interrupt in response to receiving an interrupt/data synchronizing signal over a data bus
5,854,913	J. J. Bergkvist, J. W. Goetz, and S. W. Mahin	Microprocessor with an architecture mode control capable of supporting extensions of two distinct instruction-set architectures
5,854,923	J. F. Farber, K. D. Seppi, and M. J. Dockter	Facility for the intelligent selection of information objects (persona)
5,854,942	G. O. Penokie	Method and system for automatic storage subsystem configuration
5,855,012	B. Iyer, G. Bhargava, and P. Goel	Simplification of SQL queries using generalized inference propagation and generalized transitive closure
5,855,019	B. Iyer, G. Bhargava, and P. Goel	Enumerating projections in SQL queries containing outer and full outer joins in the presence of inner joins
5,855,596	J. T. Legg, M. A. Acciai, and R. R. Hall	Modular wire band stent
5,855,802	M. A. Acciai and R. R. Hall	Method and apparatus for forming a tubular article having a perforated annular wall
5,855,962	D. R. Cote and S. V. Nguyen	Flowable spin-on insulator
5,855,993	C. E. Farrell, D. J. Mikalsen, E. O'Sullivan, G. F. Walker, J. R. Marino, M. J. Brady, P. A. Moskowitz, S. Purushothaman, S. C. Rieley, S. K. Kang, and T. R. O'Toole	Electronic devices having metallurgies containing copper-semiconductor compounds
5,856,026	K. V. Srikrishnan, M. Tejwani, and R. V. Joshi	High aspect ratio low resistivity lines/vias by surface diffusion
5,856,617	B. Gurney, D. Rugar, H. J. Mamin, and V. S. Speriosu	Atomic force microscope system with cantilever having unbiased spin valve magnetoresistive strain gauge
5,856,672	R. P. Ried	Single-crystal silicon cantilever with integral in-plane tip for use in atomic force microscope system
5,856,824	J. M. Shieh	Reshapable pointing device for touchscreens
5,856,897	D. Mauri	Self-biased dual spin valve sensor
5,856,967	B. W. Chui, D. Rugar, H. J. Mamin, and T. W. Kenny	Atomic force microscopy data storage system with tracking servo from lateral force-sensing cantilever
5,857,001	C. W. Preuss and D. R. Cecchi	Off chip driver with pre-compensation for cable attenuation
5,857,002	C. M. Melas	PRML channel with EPR4 equalization and clocking
5,857,076	M. A. Schmidt	Program product for obtaining the state of network resources in a distributed computing environment
5,857,182	B. G. Lindsay, B. T. Tran, L. G. DeMichiel, M. Jou, N. Mattos, S. P. Rielau, and Y. C. Fuh	Supporting ADT mutation without read/write and write/write conflicts
5,857,198	W. J. Schmidt	Incremental change processing apparatus for presented objects
5,857,203	L. M. Lewis, R. Parrish, and S. V. Kauffman	Method and apparatus for dividing, mapping and storing large digital objects in a client/server library system
5,857,883	A. R. Knox, J. N. Humenik, J. U. Knickerbocker, and R. Rosenberg	Method of forming perforated metal/ferrite laminated magnet
5,858,254	P. L. Balzer, R. D. Sebesta, and R. L. Lewis	Multilayered circuitized substrate and method of fabrication
5,858,455	D. D. Chambliss, E. D. Tober, R. F. Farrow, and R. F. Marks	Method for forming a lateral giant magnetoresistance multilayer for a magnetoresistive sensor
5,858,461	B. K. Appelt, K. I. Papathomas, R. M. Japp, and W. J. Rudik	Technique for forming resin-impregnated fiberglass sheets with improved resistance to pinholing
5,858,825	J. Alsmeyer and J. A. Mandelman	Methods for reducing anomalous narrow channel effect in trench-bounded buried-channel P-MOSFETs

5,858,866	J. Faul, R. L. Mohler, W. E. Haensch, and W. S. Berry	Geometrical control of device corner threshold
5,858,943	J. D. Gelorme, N. C. LaBianca, and S. L. Buchwalter	Gel for localized removal of reworkable encapsulant
5,859,461	A. R. Bonaccio and W. D. Pricer	Method and apparatus for interfacing integrated circuits having different supply voltages
5,859,470	J. Funari, J. A. Varcoe, and J. V. Ellerson	Interconnection of a carrier substrate and a semiconductor device
5,859,604	J. L. Mitchell and M. J. Slattery	Merged VLSI implementation of hardware optimized Q-Coder and software optimized QM-Coder
5,859,637	D. Tidwell	Non-programming method and apparatus for creating wizards with a script
5,859,651	B. Potu	Method and apparatus for block data transfer to reduce on-chip storage for interpolative video resizing
5,859,655	J. D. Gelorme and N. C. LaBianca	Photoresists for use in ink jet printers and other micro-machining applications
5,859,662	B. J. Cragun and P. R. Day	Apparatus and method for selectively viewing video information
5,859,739	E. A. Cunningham and J. A. Christner	Magnetic data reading apparatus and method using inductive and magnetoresistive heads
5,859,762	D. L. Clark, E. R. Ritinski, J. A. Stubecki, J. D. Rizzi, and W. C. Hall	Docking station for portable computers
5,859,804	E. L. Hedberg and G. S. Koch	Method and apparatus for real time two dimensional redundancy allocation
5,859,853	D. G. Carlson	Adaptive packet training
5,859,971	B. C. Housel, D. B. Lindquist, M. L. Fraenkel, and R. Bittinger	Differencing client/server communication system for use with CGI forms
5,859,973	D. Lection, K. K. Khalifa, and M. A. Carpenter	Delayed encoding data transmission
5,859,984	C. S. McIlvaine, D. L. Blair, and G. T. Davis	HDLC asynchronous to synchronous converter
5,859,986	G. B. Marenin	Bandwidth efficient method and means for resynchronizing a master and slave over a clocked, arbitrated, bidirectional multistate parallel bus using local data recirculation, wait states, and cycle stealing
5,860,001	D. Cromer, D. Rhoades, E. M. Gibel, R. D. Johnson, and R. S. Springfield	Computer system having at least two boot sequences
5,860,014	H. Cheong, H. Q. Le, J. S. Muhich, and S. W. White	Method and apparatus for improved recovery of processor state using history buffer
5,860,086	D. T. Crump and S. Pancoast	Video processor with serialization FIFO
5,860,100	K. A. Feiste and T. J. Somyak	Pipelined flushing of a high-level cache and invalidation of lower level caches
5,860,101	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Scalable symmetric multiprocessor data-processing system with data allocation among private caches and segments of system memory
5,860,103	J. T. Robinson and P. A. Franaszek	Method and apparatus using address and read head location information to provide optimal operation of a disk system
5,860,107	R. B. Patel and S. Park	Processor and method for store gathering through merged store operations
5,860,115	D. Neuhard, J. M. Nick, K. B. Pushong, and M. D. Swanson	Requesting a dump of information stored within a coupling facility, in which the dump includes serviceability information from an operating system that lost communication with the coupling facility
5,860,134	T. M. Cowell	Memory system with memory presence and type detection using multiplexed memory line function
5,860,138	D. R. Engebretsen, J. C. Willis, M. Moudgill, and S. L. Gregor	Processor with compiler-allocated, variable length intermediate storage
5,860,150	E. Nangia, K. A. Chiarot, M. J. Mayfield, and M. J. Peterson	Instruction pre-fetching of a cache line within a processor
5,860,211	H. G. Linde and S. J. Holmes	Method of temporarily bonding two surfaces
5,860,575	E. B. Menard, J. S. Akin, T. A. Schiesser, and T. M. Smith	Stability enhancement of molten solder droplets as ejected from a nozzle of droplet pump
5,861,231	G. Breyta, G. G. Barclay, H. Ito, J. W. Thackeray, M. F. Cronin, and R. Dellaguardia	Copolymers and photoresist compositions comprising copolymer resin binder component
5,861,330	E. J. Nowak, F. D. Baker, J. S. Brown, R. J. Gauthier, R. K. Leidy, S. H. Voldman, and S. J. Holmes	Method and structure to reduce latch-up using edge implants
5,861,602	C. D. Fieselmann, L. D. Hobgood, P. G. Watson, S. D. Yu, and W. L. Cox	Snap together PCMCIA cards with laser tack welded seams
5,861,658	B. Luther and J. E. Cronin	Inorganic seal for encapsulation of an organic layer and method for making the same
5,861,663	C. J. Mathison, M. Swain, and P. D. Isaacs	Column grid array or ball grid array pad on via

5,861,757	A. Viehbeck, G. Hougham, and S. J. Whitehair	Dynamic solvent permittivity instrument
5,861,883	B. Q. Nguyen, G. A. Cuomo, H. Nguyen, and S. K. Singhal	Method and system for portably enabling awareness, touring, and conferencing over the World Wide Web using proxies and shared-state servers
5,862,010	R. G. Simmons and W. C. Shum	Transducer suspension system
5,862,058	D. J. Samuels and M. R. Wordeman	Optical proximity correction method and system
5,862,158	C. I. Park, P. Corbett, and S. J. Baylor	Efficient method for providing fault tolerance against double device failures in multiple device systems
5,862,256	J. M. Zetts and M. R. Desrosiers	Distinguishing gestures from handwriting in a pen based computer by size discrimination
5,862,323	G. R. Blakley III, I. M. Milman, and W. Sigler	Retrieving plain-text passwords from a main registry by a plurality of foreign registries
5,862,329	C. M. Aras, G. Lebizay, G. Shippy, L. W. Tai, R. Guerin, and R. O. Onvural	A method system and article of manufacture for multi-casting audio visual material
5,862,340	D. C. Reynolds	Method operating in each node of a computer system providing and utilizing special records for collective communication commands to increase work efficiency at each node
5,862,353	J. Revilla, M. M. Schaffer, and T. A. Sartorius	Systems and methods for dynamically controlling a bus
5,862,371	E. H. Welbon, F. E. Levine, J. C. Randolph, and W. J. Starke	Method and system for instruction trace reconstruction utilizing performance monitor outputs and bus monitoring
5,862,378	F. T. Sharp, I. A. Wang, J. Ng, and J. Sidik	Passing arrays to stored procedures
5,862,381	A. Pierce, D. Advani, D. G. Weinell, J. P. Marino, K. Y. Wang, M. J. Byron, R. D. Panda, R. S. Welch, S. R. Hansell, and T. M. Li	Visualization tool for graphically displaying trace data
5,862,588	C. G. Heim, K. J. Puttlitz, M. V. Pierson, and R. H. Lewis	Method for restraining circuit board warp during area array rework
5,863,125	F. E. Doany	High efficiency two-SLM projector employing total-internal-reflection prism
5,863,211	J. A. Melville and T. L. Sobotta	Inter-book-package mechanical and electrical connection system
5,863,332	A. Viehbeck, E. Foster, J. C. Hedrick, K. Papathomas, R. M. Japp, and S. L. Tisdale	Fluid jet impregnating and coating device with thickness control capability
5,863,348	D. A. Lord and W. Smith	Programmable method for cleaning semiconductor elements
5,863,447	A. Viehbeck, P. W. Coteus, and S. L. Tisdale	Method for providing a selective reference layer isolation technique for the production of printed circuit boards
5,863,814	D. J. Alcoe and S. B. Sathe	Electronic package with compressible heatsink structure
5,863,869	J. A. Lacey, J. M. Viggiano, P. Chaudhari, R. B. Laibowitz, R. H. Koch, and R. J. Gambino	Thin film high T_c oxide superconductors and method for making the same
5,864,241	C. D. Snyder, E. T. Schreck, and M. Suk	Magnetic transducer with wear indicator in a magnetic data storage system
5,864,330	T. R. Haynes	Method and apparatus for providing a two-dimensional position-sensitive scroll icon in a data processing system user interface
5,864,340	D. F. Champion, P. J. Brittenham, and R. L. Bertram	Mobile client computer programmed to predict input
5,864,341	H. Q. Le, J. S. Muhich, S. W. White, and T. N. Hicks	Instruction dispatch unit and method for dynamically classifying and issuing instructions to execution units with non-uniform forwarding
5,864,366	B. L. Yeo	System and method for selecting video information with intensity difference
5,864,441	J. F. Boigenzahn, J. T. Coffey, and R. E. Lagergren	Actuator mounting apparatus for top-down data storage system assembly
5,864,448	J. W. Berberich	Slider and suspension retention and retraction system for high capacity disk drive
5,864,449	A. Vesci, D. McMurtry, and M. Dominguez	Precision limit stop for high density disk drives
5,864,450	M. M. Chen and N. L. Robertson	NI45FE55 metal-in-gap thin film magnetic head
5,864,496	G. Mueller, H. Hoenigschmid, and T. Kiriata	High density semiconductor memory having diagonal bit lines and dual word lines
5,864,535	A. R. Basilico	Network server having dynamic load balancing of messages in both inbound and outbound directions
5,864,558	S. H. Johnson	Dynamic transmit tuning for ethernet device drivers
5,864,571	D. J. Martens	Error detection circuit using two bit to four bit encoder
5,864,584	L. A. Walls, S. Dutta, T. A. Cao, T. D. Trinh, and T. Q. Nguyen	Circuitry for allowing two drivers to communicate with two receivers using one transmission line
5,864,635	J. M. Zetts and M. R. Desrosiers	Distinguishing gestures from handwriting in a pen based computer by stroke analysis

5,864,655	D. W. Dewey and R. J. Means	Managing removable media in raid and rail environments
5,864,664	D. E. Judice, L. B. Capps, Jr., and R. N. Iachetta	Apparatus and method for protecting system serial number while allowing motherboard replacement
5,864,665	T. M. Tran	Auditing login activity in a distributed computing environment
5,864,666	T. J. Shrader	Web-based administration of IP tunneling on internet firewalls
5,864,686	J. M. Kaiser and W. E. Maule	Method for dynamic address decoding for memory mapped devices
5,864,805	C. Danis, J. C. Chen, L. D. Comerford, M. Monkowski, M. A. Picheny, P. A. Olsen, and S. Dharanipragada	Method and apparatus for error correction in a continuous dictation system
5,864,840	A. C. Lui, M. H. Pirahesh, T. Truong, and T. Y. Leung	Evaluation of existential and universal subquery in a relational database management system for increased efficiency
5,864,841	A. N. Swami and R. Agrawal	System and method for query optimization using quantile values of a large unordered data set
5,864,847	B. Iyer and P. Goel	Reordering of complex SQL queries involving GROUPBYs, joins, outer joins and full outer joins
5,864,859	P. A. Franaszek	A system and method of compression and decompression using store addressing
5,864,866	C. J. Redlin, J. D. Henckel, and P. J. Schommer	Apparatus and method for providing externalization in an object-oriented environment
5,864,875	D. J. McDonald, G. A. Van Huben, and J. L. Mueller	Data management system for problems, releases and parts
5,865,547	J. D. Thomas, K. H. Vorhees, R. Myers, and R. H. Harris	Check flipper for point of sale printer and method therefor
5,865,631	D. J. Berto, J. Coe, L. A. Lawrence, and T. Lee	Method for reducing shorts on printed circuit board edge connector
5,865,769	J. D. Kulesza and J. R. Case	Surface contour measurement instrument
5,865,984	F. W. Kern, M. Datta, T. E. Dinan, and W. E. Corbin	Electrochemical etching apparatus and method for spirally etching a workpiece
5,866,044	C. J. Sambucetti, E. I. Cooper, J. M. Roldan, M. Gaynes, R. Saraf, R. B. Booth, and S. P. Ostrander	Lead free conductive composites for electrical interconnections
5,866,203	B. K. Appelt, K. I. Papathomas, R. M. Japp, and W. J. Rudik	Technique for forming resin-impregnated fiberglass sheets using multiple resins
5,866,237	A. P. Angelopoulos, G. W. Jones, H. Marcello, J. McKeveny, and R. W. Malek	Organic electronic package and method of applying palladium-tin seed layer thereto
5,866,306	G. M. Wallraff, M. Baier, and R. D. Miller	Process for use of photosensitive polysilanes as photoresist
5,866,443	H. B. Pogge, H. L. Kalter, J. Greschner, and R. J. Rosner	Very dense integrated circuit package and method for forming the same
5,866,470	A. Shagan, A. Vogel, C. Sullivan, J. Garant, J. A. Casey, M. Cohn, and R. J. Sullivan	Method of using an interface layer for stacked lamination sizing and sintering
5,866,627	D. Yang, G. Czornyj, M. Ree, and W. Volksen	Photosensitive polyimide precursors
5,866,848	A. L. Balan, J. A. Asselta, J. E. Myers, and S. Boyko	Computer system with improved power bus
5,866,913	C. F. Robinson	Proximity correction dose modulation for E-beam projection lithography
5,866,985	D. K. Coultas and J. H. Keller	Stable matching networks for plasma tools
5,867,010	F. F. Hinedi, M. Cases, R. Dennard, and S. Dutta	Circuit and method for voltage level translation utilizing a bias generator
5,867,037	A. X. Tra, L. B. Capps, Jr., and R. N. Iachetta	Method and apparatus of programming FPGA devices through ASIC devices
5,867,038	N. Rohrer, P. Kartschoke, and T. Sulzbach	Self-timed low power ratio-logic system having an input sensing circuit
5,867,052	D. W. Stout and J. S. Austin	Off-chip driver for mixed voltage applications
5,867,131	D. P. Homiller and W. O. Camp	An antenna for a mobile computer
5,867,154	M. Modh and V. Berstis	Method and apparatus to select a display area within a data processing system
5,867,157	C. C. Alimpich, C. L. Doescher, G. D. Boldt, J. S. Goddard, L. L. Vigil, and M. T. Vo	Graphical interface method, apparatus and application for creating and modifying a list of values with multiple components
5,867,160	G. Kraft and J. A. Moore	System and method for task prioritization in computerized graphic interface environments
5,867,180	S. Kosonocky, S. Munetoh, and Y. Katayama	Intelligent media memory statically mapped in unified memory architecture
5,867,261	A. Juliana, Jr., C. H. Lee, H. J. Rosen, M. R. Latta, W. C. Leung, and W. I. Imaino	Surface inspection tool

5,867,289	C. Yue, C. S. Li, O. Gerstel, and R. Ramaswami	Fault detection for all-optical add-drop multiplexer
5,867,351	H. S. Gill	Spin valve read head with low moment, high coercivity pinning layer
5,867,400	C. A. Krause, D. A. McNeill, and H. S. El-Ghoroury	Method of sampling, downconverting, and digitizing a bandpass signal using a digital predictive coder
5,867,507	B. A. Worth, F. R. Keyser, R. Palmer, S. Botala, S. W. Gould, W. Beebe, and W. R. Larsen	Testable programmable gate array and associated LSSD/deterministic test methodology
5,867,511	J. D. Lewis, J. S. Dodson, R. K. Arimilli, and T. M. Skergan	Method for high-speed recoverable directory access
5,867,585	R. Myers	Curvilinear pressure pad for improved MICR reading and method therefor
5,867,651	A. Dan, D. Sitaram, and W. H. Tetzlaff	System for providing custom functionality for client systems by redirecting of messages through a user configurable filter network having a plurality of partially interconnected filters
5,867,653	C. M. Aras, G. Lebizay, G. Shippy, L. W. Tai, R. Guerin, and R. O. Onvural	Method and apparatus for multi-cast broad video conferencing
5,867,658	V. H. Lee	Method and apparatus for implementing a stop state for a processor in a multiprocessor system
5,867,661	B. C. Housel, D. B. Lindquist, M. L. Fraenkel, and R. Bittinger	Method and apparatus of using virtual sockets for reducing data transmitted over a wireless communication link between a client web browser and a host web server using a standard TCP protocol
5,867,678	D. L. Dao, H. Y. Amro, and J. P. Dodson	Method and system for searching and retrieving specific types of objects contained within a compound document
5,867,684	A. D. Ogden, A. J. Loper, Jr., J. A. Kahle, and S. Mallick	Method and processing that permit concurrent execution of a store multiple instruction and a dependent instruction
5,867,694	G. M. Lattimore, R. J. Reese, R. V. Billings, and T. K. Jaber	Information handling system including apparatus and method for controlling clock signals operating at different frequencies
5,867,695	A. M. Molina, I. Z. Amini, and T. Keung	Method and system for reduced metastability between devices which communicate and operate at different clock frequencies
5,867,702	V. H. Lee	Method and apparatus for initializing a multiprocessor system
5,867,708	G. Copeland, S. A. Holdsworth, and S. A. Smith	System, method, and article of manufacture for adding concurrency to a binary class in an object oriented system
5,867,713	B. J. Jensen, J. L. Bunce, and T. J. Shrader	Committing an install plan object for the network installation of application programs
5,867,725	P. Fung and S. T. Ventrone	Concurrent multitasking in a uniprocessor
5,867,888	A. J. Wallash and S. H. Voldman	Magnetic head/silicon chip integration method
5,867,890	C. Hwang, H. A. Santini, N. L. Robertson, and R. Hsiao	Method for making a thin film merged magnetoresistive read/inductive write head having a pedestal pole tip
5,867,894	J. R. Case and R. R. Hall	Differential pressure assembly device and method for making connector assemblies
5,867,898	D. J. Russell, J. J. Hansen, and J. M. Lauffer	Method of manufacture multilayer circuit package
5,867,990	U. Ghoshal	Thermoelectric cooling with plural dynamic switching to isolate heat transport mechanisms
5,868,070	S. A. Barlow	Method and system for applying solder paste on tape carrier package component site
5,868,304	B. Ghosal, K. A. Lidestri, K. J. Puttlitz, P. J. Brofman, R. A. Jackson, and W. E. Sablinski	Socketable bump grid array shaped-solder on copper spheres
5,868,519	D. L. Thompson and R. A. Rachui	Backbracket thumbscrew assembly
5,868,564	T. P. White and W. W. Olah	Sequential step belt furnace with individual concentric heating elements
5,868,585	E. Furey, J. A. Hickey, S. G. Barthel, and W. H. White	System and method for inserting circuit boards in tight spaces
5,868,882	D. J. Martin and F. W. Kern, Jr.	Polymer protected component
5,869,134	D. R. Wall, J. U. Knickerbocker, and S. N. Reddy	CVD of metals capable of receiving nickel or alloys thereof using iodide
5,869,139	G. N. Biggs, J. Disantis, K. P. McLaughlin, P. Palmatier, P. F. Findeis, and V. V. Vitek	Apparatus and method for plating pin grid array packaging modules
5,869,356	A. F. Moring, D. M. Passante, J. A. Knight, J. A. Kotylo, J. W. Fuller, Jr., and M. B. Fletcher	Method and structure for constraining the flow of encapsulant applied to an I/C chip on a substrate
5,869,564	A. Diaz, A. K. Suthar, A. M. Pearson, B. Beach, D. R. McKean, J. X. Sun, R. B. Watkins, and S. J. Kim	Ink composition Q
5,869,868	T. V. Rajeevakumar	SOI trench DRAM cell for 256 MB DRAM and beyond
5,869,880	A. Grill and K. Saenger	Structure and fabrication method for stackable, air-gap-containing low epsilon dielectric layers

5,869,896	C. L. Bertin, J. Mosley, R. G. Baker, and W. J. Howell	Electronic modules with integral sensor arrays
5,870,003	D. W. Boerstler	High frequency phase-locked loop circuit having reduced jitter
5,870,036	J. A. Thomas, J. T. Robinson, and P. A. Franaszek	Adaptive multiple dictionary data compression
5,870,078	J. D. Rutledge and R. S. Olyha	Reduced cost pointing stick circuit
5,870,082	B. A. Smith, E. J. Selker, and T. Wyant	Pointing device top having force fuse
5,870,083	J. M. Shieh	Breakaway touchscreen pointing device
5,870,095	R. J. Urquhart and V. A. Albaugh	Z buffer initialize and update method for pixel block
5,870,164	J. L. Sanford, K. H. Yang, M. Lu, and R. L. Melcher	Polarization dependent twisted nematic liquid crystal devices for reflective spatial light modulators
5,870,241	G. J. Smith and H. H. Ottesen	Method and apparatus for evasive maneuvering to keep DASD heads away from protruding surface defects
5,870,250	J. H. Nayak, S. Gopalakrishna, and S. A. Bolasna	Method and apparatus for improving file capacity using different flying height profiles
5,870,254	B. V. Johnson, C. D. Cullom, E. Baserman, N. K. Frater, and W. H. McConnell	Transducer suspension system
5,870,285	B. G. Sammakia and S. J. Kosteva	Assembly mounting techniques for heat sinks in electronic packaging
5,870,286	M. A. Butterbaugh, R. D. Hamilton, and S. S. Kang	Heat sink assembly for cooling electronic modules
5,870,349	B. Ross, G. M. Lattimore, and M. M. Smadi	Data processing system and method for generating memory control signals with clock skew tolerance
5,870,350	C. L. Bertin and E. L. Hedberg	High performance, high bandwidth memory bus architecture utilizing SDRAMs
5,870,398	C. M. Kotchey	Introducing inter-packet gaps in network transmissions
5,870,404	B. Singer, C. J. Masenas, F. D. Ferraiolo, J. E. Gersbach, and N. Rohrer	Self-timed circuit having critical path timing detection
5,870,411	C. M. Durham, P. J. Klim, and S. Patil	Method and system for testing self-timed circuitry
5,870,437	A. S. Butter and J. P. Kuruts	Apparatus and method for detecting end of serial bit stream
5,870,468	C. G. Harrison	Enhanced data privacy for portable computers
5,870,470	D. B. Johnson and S. M. Matyas	Method and apparatus for encrypting long blocks using a short-block encryption procedure
5,870,537	H. M. Yudenfriend, M. A. Paulsen, R. F. Kern, and W. C. Shepard	Concurrent switch to shadowed device for storage controller and device errors
5,870,544	B. A. Curtis	Method and apparatus for creating a secure connection between a Java applet and a web server
5,870,553	D. Wolfe and W. D. Shaw	System and method for on-demand video serving from magnetic tape using disk leader files
5,870,572	A. Garcia	Universal buffered interface for coupling multiple processors, memory units, and I/O interfaces to a common high-speed interconnect
5,870,575	J. A. Kahle and S. Mallick	Indirect unconditional branches in data processing system emulation mode
5,870,577	R. B. Patel, S. Mallick, and R. M. Jessani	System and method for dispatching two instructions to the same execution unit in a single cycle
5,870,582	H. Cheong, H. Q. Le, J. S. Muhich, and S. W. White	Method and apparatus for improved instruction completion
5,870,587	P. V. Desai and S. H. Danforth	Information-handling system, method, and article of manufacture including a mechanism for providing an improved application binary interface
5,870,589	C. A. Alexander, E. J. Rovner, J. K. Frick, and M. B. Squire	Method for enhanced broadcast and unknown server operation
5,870,592	D. M. Dreps, J. S. Muhich, and R. P. Masleid	Clock generation apparatus and method for CMOS microprocessors using a differential saw oscillator
5,870,606	A. H. Lindsey	Data triggered trace technique for debugging software programs
5,870,611	J. L. Bunce, J. M. Nuncio, and T. J. Shrader	Install plan object for network installation of application programs
5,870,612	H. Cheong, H. Q. Le, J. S. Muhich, and S. W. White	Method and apparatus for condensed history buffer
5,870,616	A. J. Loper, Jr. and S. Mallick	System and method for reducing power consumption in an electronic circuit
5,870,619	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Multi-PME parallel processor
5,870,628	E. J. McDonald, G. Tsao, W. T. Chen, and Y. H. Ng	Adapter for receiving and processing asynchronous transfer mode cells within a computer network system
5,870,631	C. S. Murray and S. R. Long	System for operating system software providing input buffer for receiving variable-length bit stream with a header containing synchronization data recognized by universal serial controller

5,870,717	C. Wiecha, H. S. McFaddin, J. F. Kelley, J. L. Batstone, N. Vogl, and R. D. Thompson	System for ordering items over a computer network using an electronic catalog
5,870,732	C. L. Fosler and J. A. Fisher	Inventory method for logical volumes in an automated storage library
5,870,735	J. C. Shafer, M. Mehta, and R. Agrawal	Method and system for generating a decision-tree classifier in parallel in a multi-processor system
5,870,737	J. F. Farber, M. J. Dockter, M. L. Pauser, R. B. Ruggles, and R. J. Richardt	Dynamic prioritized replacement of language
5,870,742	D. Y. Chang, R. H. High, Jr., and R. L. Newcombe	Method and apparatus for enabling persistent attributes in an object oriented environment
5,870,753	A. Radiya, D. Y. Chang, R. H. High, Jr., and R. L. Newcombe	Method and apparatus for enabling a persistent metastate for objects in an object oriented environment
5,870,767	G. Kraft	Method and system for rendering hyper-link information in a printable medium from a graphical user interface
5,870,768	A. Hekmatpour	Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia application
5,870,823	G. A. Pomerantz, J. A. Casey, J. B. Pavelka, and R. J. Bezama	Method for fabricating cooling channels in MLC substrates
5,871,287	H. C. Lee, J. L. Zable, M. R. Brechko, and R. E. Boyanowski	Extending bar code ribbon life
5,871,313	A. Nenadic, J. Tersigni, S. Graboski, and W. A. Cavaliere	Precise self-aligning chamfer method and apparatus
5,871,362	J. S. Campbell and J. T. Holton	Self-aligning flexible circuit connection
5,871,579	D. Mitzi, K. Liang, and M. Prikas	Two-step dipping technique for the preparation of organic-inorganic perovskite thin films
5,871,622	M. Pinarbasi	Method for making a spin valve magnetoresistive sensor
5,871,655	H. P. Lee and R. G. Simmons	Low noise integrated conductor magnetic recording suspension
5,871,810	D. H. Piltingsrud, J. A. Hagan, J. D. Amundson, and S. F. Starcke	Plating on nonmetallic disks
5,871,819	B. K. Appelt, K. I. Papathomas, R. M. Japp, and W. J. Rudik	Technique for forming resin-impregnated fiberglass sheets with improved resistance to pinholing
5,872,025	A. M. Palagonia, B. A. Pierson, D. A. Schmidt, and J. E. Cronin	Method for stacked three dimensional device manufacture
5,872,051	C. R. LeCoz, K. M. Fallon, and M. V. Pierson	Systems interconnected by bumps of joining material
5,872,158	J. P. Kuczynski	Cleavable diacrylate for removable acrylate compositions
5,872,334	W. J. Tkazyik	High-speed cable
5,872,337	C. R. Davis, D. Suryanarayana, D. L. Questad, D. S. Farquhar, J. A. Zimmerman, and S. J. Fuerniss	Chip carrier and cable assembly reinforced at edges
5,872,378	R. C. Szafranski, R. E. Rose, and S. H. Voldman	Dual thin oxide ESD network for nonvolatile memory applications
5,872,390	A. Mitwalsky, P. Lee, and W. A. Klaasen	Fuse window with controlled fuse oxide thickness
5,872,400	B. Chapman, J. Petrone, and W. Ma	High melting point solder ball coated with a low melting point solder
5,872,446	H. C. Cranford, J. F. McElwee, and R. S. Gyurcsik	Low voltage CMOS analog multiplier with extended input dynamic range
5,872,462	G. S. Ditlow and P. Kartschoke	Programmable logic array and method for its design using a three step approach
5,872,552	A. M. Homola, B. A. Smith, D. R. McKean, J. G. Gordon II, L. B. Schein, M. W. Hart, and S. A. Swanson	Electrophoretic display
5,872,555	P. Moreland, R. L. Llamas, R. N. Kolar, and T. Murphy	Method and apparatus for customizing colors in a data processing system
5,872,556	D. P. Rackley and R. M. West	RAM based YUV-RGB conversion
5,872,559	J. M. Shieh	Breakaway and re-grow touchscreen pointing device
5,872,566	C. Bates and P. R. Day	A graphical user interface method and system that provides an inertial slider within a scroll bar
5,872,567	H. Y. Amro	Method, memory and apparatus for automatically resizing a window in response to a loss or gain in focus
5,872,568	C. Steinmeyer, C. C. Alimpich, D. Neuhaard, J. P. Wittig, J. S. Goddard, M. T. Vo, and R. Yang	Application and method for creating a list from pre-defined and user values
5,872,572	J. Rossignac	Method and apparatus for generating non-uniform resolution image data
5,872,588	A. J. Stagg, C. M. Aras, F. Y. Lai, K. K. Sy, and L. B. Griffin	Method and apparatus for monitoring audio-visual materials presented to a subscriber

5,872,678	B. L. Rappel, D. C. Goeke, D. E. Bratvold, D. E. Goodman, G. A. Lyons, J. F. Boigenzahn, J. M. Rigotti, L. R. Tufty, M. S. Good, and R. E. Lagergren	Structure and enclosure assembly for a disk drive
5,872,679	B. L. Rappel, D. C. Goeke, D. E. Bratvold, D. E. Goodman, G. A. Lyons, J. F. Boigenzahn, J. M. Rigotti, L. R. Tufty, M. S. Good, and R. E. Lagergren	Structure and enclosure assembly for a disk drive
5,872,681	Z. E. Boutaghoul	Integral hub and disk clamp for a disk drive storage device
5,872,684	A. C. Ting, C. Hwang, E. K. Wong, R. G. Hadfield, and T. M. Zook	Slider for disk drive and method for manufacturing
5,872,686	D. R. Gillis, L. K. Dorius, and M. Suk	Magnetic storage system having an improved slider designed to minimize disk damage
5,872,687	A. D. Erpelding, D. D. Palmer, S. Pattanaik, and S. P. Arya	Transducer suspension system
5,872,695	B. V. Fasano and C. S. Kim	Integrated electronic components and methods of making the same
5,872,697	J. E. Sheets and T. Christensen	Integrated circuit having integral decoupling capacitor
5,872,723	C. DeCusatis and L. Jacobowitz	In a system for creating, reading and writing on rotatable information storage media an apparatus for determining drive mechanism aging characteristics
5,872,733	H. J. Shin, J. B. Kuang, L. L. Hsu, M. J. Saccamango, S. Ratanaphanyarat, and T. N. Buti	Ramp-up control circuit for flash memory charge pump
5,872,790	R. C. Dixon	ECC memory multi-bit error generator
5,872,797	P. Theodoseau	Burn-in signal pattern generator
5,872,813	D. T. Hui	Dual differential and binary data receiver arrangement
5,872,907	A. C. Betley, D. L. Pierce, and K. R. Griess	Fault tolerant design for AC defects
5,872,913	R. F. Berry, M. P. Franklin, W. Gu, and B. H. Hartner	System and method for low overhead, high precision performance measurements using state transitions
5,872,914	G. A. Wilson and K. W. Walker, Jr.	Method and apparatus for an account managed object class model in a distributed computing environment
5,872,915	E. D. Lindberg and P. J. Dykes	Computer apparatus and method for providing security checking for software applications accessed via the World-Wide Web
5,872,935	D. E. Riehm, D. J. Hunt, M. Budman, and M. J. Kuzawinski	Method and apparatus for providing a remotely located outrigger card electrically coupled to a control card
5,872,938	B. A. Williams	Service priority queue implemented with ordered sub-queues and sub-queue pointers pointing to last entries in respective sub-queues
5,872,948	S. Mallick, R. B. Patel, R. M. Jessani, and M. Putrino	Processor and method for out-of-order execution of instructions based upon an instruction parameter
5,872,949	B. Y. Kikuta and T. M. Potter	Apparatus and method for managing data dependencies with a distributed commit mechanism
5,872,950	D. S. Levitan and J. S. Muhich	Method and apparatus for managing register renaming
5,872,956	A. E. Vasquez, G. F. Paussa, J. S. Gaillard, P. D. Beal, and S. H. Johnson	A design methodology for device drivers supporting various operating systems, network protocols and adapter hardware
5,872,958	B. L. Worthington and C. M. Donnelly	Method for flexible simulation modeling of multi-component systems
5,872,969	G. Copeland, S. A. Holdsworth, and S. A. Smith	System and method for efficiently synchronizing cache and persistent data in an object oriented transaction processing system
5,872,979	J. Rubin, L. G. Richards, T. R. Edel, and W. Leslie	Method and system for removing software involving shared files
5,872,980	C. M. Herring and J. E. Derrick	Semaphore access control buffer and method for accelerated semaphore operations
5,872,984	J. D. Smid, N. C. Berglund, and T. D. Roettger	Uninterruptible power supply providing continuous power mainstore function for a computer system
5,872,990	D. A. Luick, J. C. Willis, and P. B. Winterfield	Reordering of memory reference operations and conflict resolution via rollback in a multiprocessing environment
5,873,001	K. K. Richardson, M. L. Brinker, and P. L. Glenski	Method and computer program product for rapid expansion of multibyte sort information
5,873,040	E. H. Stern and J. M. Dunn	Wireless 911 emergency location
5,873,045	B. A. Carpenter, M. G. Noll, P. P. Lee, and R. E. Reiland	Mobile client computer with radio frequency transceiver
5,873,053	J. A. Fifield, J. E. Gersbach, W. D. Pricer, and W. P. Noble	On-chip thermometer for control of chip operating temperature
5,873,080	A. R. Coden, E. C. So, and S. W. Mak	Using multiple search engines to search multimedia data
5,873,092	G. Copeland, P. Y. Chang, R. H. High, Jr., and V. N. Kumar	Information handling system, method, and article of manufacture including persistent, distributed object name services including shared properties
5,873,116	J. W. Van Fleet	Method and apparatus for controlling access to data structures without the use of locks

5,873,123	R. B. Patel, G. Thuraishingham, and B. M. Kuttanna	Processor and method for translating a nonphysical address into a physical address utilizing a selectively nonsequential search of page table entries
5,873,126	S. Singh	Memory array based data reorganizer
5,873,129	R. Bealkowski	A method and apparatus for extending physical system addressable memory
5,873,159	J. E. Sell, R. G. Simmons, S. P. Arya, T. Pan, W. C. Shum, W. L. Hillman, and W. W. Brooks	Transducer suspension system and method
5,873,162	M. A. Acciai, R. N. Ives, and R. R. Hall	Technique for attaching a stiffener to a flexible substrate
5,873,512	D. A. Sluzewski, J. D. Bielick, M. K. Hoffmeyer, P. D. Isaacs, and T. D. Kidd	Application of low temperature metallurgical paste to form a bond structure to attach an electronic component to a carrier
5,873,566	M. J. Fisher, R. H. Cadwallader, and T. Morrison	Locator actuation apparatus
5,873,740	D. J. Alcoe, D. V. Caletka, and W. L. Brodsky	Electrical connector system with member having layers of different durometer elastomeric materials
5,873,743	W. J. Tkazyik	High-density and speed cable assembly
5,874,147	A. Gupta, N. A. Bojarczuk, S. Guha, and W. W. Tang	Column III metal nitride films as phase change media for optical recording
5,874,154	A. Viehbeck, E. Foster, H. R. Bickford, L. C. Matthew, M. Goldberg, S. L. Tisdale, and V. Markovich	Structure including a partially electronically reduced halogenated polymeric containing layers and an electrically conductive pattern
5,874,162	A. Piciacchio, C. Collins, I. DiNunzio, J. Burte, J. P. DeGeorge, K. E. Bastian, M. Cohn, R. Greenlese, R. Wuthrich, R. J. Sullivan, and T. L. Pinto	Weighted sintering process and conformable load tile
5,874,199	H. Deligianni and W. H. Ma	Method of forming oversized solder bumps
5,874,201	M. Okazaki, R. Nunes, and T. Licata	Dual damascene process having tapered vias
5,874,318	A. McGuire, D. Brooks, F. D. Baker, R. Nadeau, and R. K. Leidy	Dishing and erosion monitor structure for damascene metal processing
5,874,337	S. F. Geissler	Method of forming EEPROM cell with channel hot electron programming
5,874,369	M. LaPlante and M. S. Farooq	Method for forming vias in a dielectric film
5,874,370	B. K. Appelt, K. I. Papatomas, R. M. Japp, and W. J. Rudik	Technique for forming resin-impregnated fiberglass sheets using multiple resins
5,874,697	E. J. Selker, J. D. Allison, and W. M. Dyer	Thin keyboard switch assembly with hinged actuator mechanism
5,874,724	R. T. Cato	Light selectable radio frequency identification tag and method therefor
5,874,745	Y. Kuo	Thin film transistor with carbonaceous gate dielectric
5,874,758	J. DeBrosse	Buried strap trench cell yielding an extended transistor
5,874,760	H. I. Hanafi, J. J. Welser, S. M. Burns, and W. W. Kocon	4F-square memory cell having vertical floating-gate transistors with self-aligned shallow trench isolation
5,874,764	C. M. Hsieh, L. L. Hsu, S. Ratanaphanyarat, and S. F. Chu	Modular MOSFETs for high aspect ratio applications
5,874,776	J. R. Wilcox and J. S. Kresge	Thermal stress relieving substrate
5,874,778	A. Bhattacharyya and R. K. Leidy	Embedded power and ground plane structure
5,874,782	A. M. Palagonia	Wafer with elevated contact structure
5,874,833	P. Perry and S. T. Ventrone	True/complement output bus for reduced simultaneous switching noise
5,874,836	E. J. Nowak and M. H. Tong	High reliability I/O stacked FETs
5,874,840	A. R. Bonaccio	Differential source follower with body effect compensation
5,874,845	O. J. Hynes	Clock phase splitter, non-overlapping
5,874,854	T. M. Skergan	Control scheme for on-chip capacitor degating
5,874,895	C. N. DeVarney	Method and apparatus for testing operation of a sensor controlled device
5,874,902	B. J. Walsh, D. Friedman, H. Heinrich, K. P. McAuliffe, P. G. Capek, P. J. Sousa, and T. Cofino	Radio frequency identification transponder with electronic circuit enabling/disabling capability
5,874,907	D. J. Craft	Method and apparatus for providing improved data compression efficiency for an adaptive data compressor
5,874,908	D. J. Craft	Method and apparatus for encoding Lempel-Ziv 1 variants
5,874,936	M. Modh and V. Berstis	Method and apparatus for automatic scrolling by remote control
5,874,943	G. Fitzpatrick and T. R. Haynes	Feedback of object size during direct manipulation (DM)
5,874,948	J. M. Shieh	Virtual pointing device for touchscreens
5,874,950	L. M. Ruffing and S. J. Broussard	Method and system for graphically displaying audio data on a monitor within a computer system

5,874,955	B. E. Rogowitz, D. A. Rabenhorst, and L. Treinish	Interactive rule based system with selection feedback that parameterizes rules to constrain choices for multiple operations
5,874,957	R. L. Poston and T. L. Cline	Method and apparatus for improved scrolling functionality in a graphical user interface utilizing a software tether
5,874,961	C. Bates and P. R. Day	Scroll bar amplification apparatus and method
5,874,963	M. D. Smith and W. J. Johnson	Method and system for cursor applied processing within a data processing system
5,874,966	J. Taylor and J. C. Polimeni	Graphical user interface in a data processing system that is customizable to any user selected color bitmap image
5,874,967	E. K. Evans, R. M. West, and S. J. Stratz	Graphics system and process for blending graphics display layers
5,875,010	A. M. Quinn, D. B. Stone, J. C. Baechtke, M. A. Gaynes, and M. V. Pierson	Display panel having individual display devices bonded to light transmitting plates which have a combined area greater than of the devices
5,875,011	D. B. Stone, M. A. Gaynes, M. V. Pierson, and T. B. Youngs, Jr.	Liquid crystal display tile interconnected to a tile carrier and method
5,875,023	D. C. Webster, D. E. Houser, D. F. Carter, D. M. Dewey-Wright, E. J. Burke, and J. T. Legg	Dual-sided expose mechanism for web product
5,875,064	B. C. Webb, E. J. Yarmchuk, M. D. Schultz, and T. J. Chainer	Method and system for accurate self-servowriting with normalization in a disk drive
5,875,066	H. H. Ottesen	Method and apparatus for real-time filtering of a position error signal for a disk drive servo system
5,875,072	D. J. Wanek, J. B. Brown, J. T. Coffey, and W. W. Brooks, Jr.	Low profile head suspension assembly with load and unload capability
5,875,080	D. J. Seagle	Write head with counter current coils
5,875,125	W. Hwang and X. Xiao	X+2X adder with multi-bit generate/propagate circuit
5,875,171	D. W. Albrecht, J. W. Berberich, S. Hegde, and T. F. Roth	Interlocking disk stack that prevents disk slip in a storage disk drive
5,875,195	R. C. Dixon	Method and apparatus for error injection techniques
5,875,212	A. E. Fleek, G. Warchocki, and W. O. Camp	Phase demodulation method and apparatus for a wireless LAN, by counting the IF period
5,875,248	D. O. Lewis	Method of counterfeit detection of electronic data stored on a device
5,875,249	F. C. Mintzer and M. M. Yeung	Invisible image watermark for image verification
5,875,261	G. Fitzpatrick, M. L. Williams, R. S. Keller, and W. J. Johnson	Methodology for and apparatus for optical character recognition based on geometric and color attribute hypothesis testing
5,875,290	J. Divirgilio, J. W. Duxtader, K. J. Reilly, L. J. Merritt, N. Rash, P. LeVangia, and R. F. Bartfai	Method and program product for synchronizing operator initiated commands with a failover process in a distributed processing system
5,875,294	C. G. Wright and C. P. Roth	Method and system for halting processor execution in response to an enumerated occurrence of a selected combination of internal states
5,875,296	B. A. Rich, E. Plassmann, M. Ault, M. A. Rosiles, S. B. Shi, and T. J. Shrader	Distributed file system web server user authentication with cookies
5,875,306	T. W. Bereiter	Reconfiguring computer resources in a distributed computer enterprise environment
5,875,308	D. F. Moertl, D. J. Sucher, P. K. Egan, and T. J. Osten	Peripheral component interconnect (PCI) architecture having hot-plugging capability for a data processing system
5,875,310	D. Neal, P. A. Buckland, and R. A. Kelley	Secondary I/O bus with expanded slot capacity and hot plugging capability
5,875,311	J. L. Combs and R. L. Bertram	Computer system with touchpad support in operating system
5,875,318	J. S. Langford	Apparatus and method of minimizing performance degradation of an instruction set translator due to self-modifying code
5,875,320	W. Gu	System and method for synchronizing plural processor clocks in a multiprocessor system
5,875,322	C. Nelin and D. E. House	Dynamic discovery of controls
5,875,325	A. R. Talcott	Processor having reduced branch history table size through global branch history compression and method of branch prediction utilizing compressed global branch history
5,875,326	H. Cheong, H. Q. Le, and P. J. Jordan	Data processing system and method for completing out-of-order instructions
5,875,327	C. Carmack, D. D. Snyder, D. E. Olson, J. R. Hansen, J. V. DiCecco, M. L. Brandt, T. J. O'Keefe, and T. M. Moskalik	Hierarchy of preferences and preference groups
5,875,329	Y. P. Shan	Intelligent batching of distributed messages
5,875,330	J. C. Goti	Tool for defining complex systems
5,875,331	A. H. Lindsey	System and method for generating target language code utilizing an object oriented code generator

5,875,332	I. A. Wang, J. Sidik, R. S. Wu, and S. H. Yeh	Generating a common gateway interface adapter customized for a stored procedure
5,875,334	B. T. Tran, J. H. Chow, N. Mattos, and Y. C. Fuh	A system, method, and program for extending a SQL compiler for handling control statements packaged with SQL query statements
5,875,336	B. C. Drerup, G. Voigt, J. E. Dickol, and J. M. Stafford	Method and system for translating a non-native bytecode to a set of codes native to a processor within a computer system
5,875,338	L. J. Powell	Method and apparatus for pseudo round-robin arbitration utilizing independent tokens
5,875,342	J. L. Temple III	User programmable interrupt mask with timeout
5,875,346	D. A. Luick	System for restoring register data in a pipelined data processing system using latch feedback assemblies
5,875,426	B. Lewis, C. Waast, E. Epstein, J. M. Le Roux, L. R. Bahl, P. V. de Souza, and S. V. De Gennaro	Recognizing speech having word liaisons by adding a phoneme to reference word models
5,875,442	L. E. Jordan II, M. J. Sirkin, P. E. Stephens, and S. B. Shi	Method and apparatus for enhancing access to a remote database employing dynamic buffer management
5,875,444	S. B. Hughes	Computer file system check and repair utility
5,875,446	E. C. So, E. Q. Brown, H. A. Ellozy, J. M. Prager, and R. N. Chang	System and method for hierarchically grouping and ranking a set of objects in a query context based on one or more relationships
5,875,447	B. Iyer and P. Goel	Reordering of complex SQL queries involving GROUPBYs, joins, outer joins and full outer joins
5,875,454	D. J. Craft and R. Greenberg	Compressed data cache storage system
5,875,463	D. T. Crump and S. Pancoast	Video processor with addressing mode control
5,875,464	D. B. Kirk	Computer system with private and shared partitions in cache
5,875,469	P. E. Milling	Apparatus and method of snooping processors and look-aside caches
5,875,470	D. Meltzer, H. L. Kalter, J. H. Dreibelbis, M. Ignatowski, T. J. Heller, and W. F. Ellis	Multi-port multiple-simultaneous-access DRAM chip
5,875,479	C. S. Michod and L. C. Blount	Method and means for making a dual volume level copy in a DASD storage subsystem subject to updating during the copy interval
5,875,484	D. Neuhard, J. M. Nick, K. B. Pushong, and M. D. Swanson	Method and system for determining and overriding information unavailability time at a coupling facility
5,875,487	S. Yanamadala and W. H. Schwartz	System and method for providing efficient shared memory in a virtual memory system