

Recent IBM patents

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

France

499,763	A. Blanc, G. Ungerboeck, and S. Gohl	DCE and method for processing data received in ADCE allowing multiple operating configurations
582,016	A. Lafond and G. Garric	Pressurized sealable transportable containers for storing a semiconductor wafer in a protective gaseous environment

Germany

499,671	C. Starke and M. Gruetzner	Integrated circuit chip with built-in self-test for logic fault detection
646,260	G. Kurth, R. Duscher, and T. Gargya	Distributed applications processing network
19,510,083.2	M. Spies	Speech recognition process and device for languages containing compositive words
59,208,335.7	A. Tam, H. Arnold, H. Bohlen, H. Wagner, P. J. Lueck, W. Zapka, and W. Ziemlich	Printed circuit with local higher wiring density and conical via holes and method of manufacturing such printed circuits
68,927,931.0	H. Schettler, P. Gansauge, and V. Kreuter	Integrated circuit chip packaging structure

Japan

886,636-1	N. Mieki and T. Takahashi	Industrial design of Asturias
986,547	T. Noguchi and T. Ohtani	The design of DIMM adapter card connector
989,073	K. Yamazaki, S. Hashizume, and S. Iwata	Portable multimedia CD-ROM player
2,625,589	M. Fukuda, N. Ohba, and T. Nakata	Interrupt arbiter
2,625,600	Y. Nakayama	Device for image transformation
2,625,612	M. Itoh, M. Mori, and Y. Tomonaga	The method of winding rule fill operation
2,625,644	K. Koyamada and T. Itoh	A method for finding and classifying a critical point using a tetrahedral cell
2,627,607	A. Doi, K. Koyamada, and T. Miyazawa	A method for generating the specular highlights on volume-rendered semi-transparent surfaces
2,627,608	H. Masuda and M. Numao	Solid generation from incomplete orthographic views
2,628,288	T. Norimatsu and T. Yoshida	LEA test for packaging
2,630,923	H. Nakano	An image recognition method using compressed image
2,633,479	K. Ogasawara, K. Satoh, and S. Suganuma	Servo non-linear table for HI TPI MR application
2,633,486	K. Chiba, K. Imamura, and M. Ozawa	Retractable double-face socket for PCMCIA card
2,634,126	K. Miyata	A texture generation algorithm using skeleton lines
2,634,141	K. Kawase and T. Moriyama	An effective cache control protocol for graphics traversal on multiprocessor

2,634,144	G. Gohda, H. Komatsu, and K. Ishizaki	A method for maximal parallelism detection by masking data dependencies using data decomposition on distributed multi-procedure
2,634,147	I. Shoh, N. Ohba, and T. Nakata	Cache control mechanisms for the system management mode
2,635,885	M. Atsumi, T. Matsumoto, and T. Yoshida	Active matrix liquid crystal display
2,635,912	I. Yoneda and M. Kisaka	Position error signal for MR head
2,635,933	K. Umemoto and S. Hayashida	Low cost, reliable molded heat sink plastic package
2,635,939	M. Kisaka and Y. Amano	Gray code for narrow track
2,637,920	K. Kawase	A supersampling mechanism for 3D graphics system
2,637,924	H. Yanagisawa, K. Kurachi, and K. Ogasawara	Biased servo for MR head system
2,637,931	K. Kawase and N. Tanaka	An effective memory access mechanism for texture mapping
2,642,058	K. K. Sy, N. Aoki, and Y. Saitoh	Network management on frame relay and leased line connection
2,642,070	K. Shimada and T. Itoh	Method and system for mesh conversion
2,643,074	S. Tsuchida, Y. Kobayakawa, Y. Maeda, and Y. Tsukada	QFP lead structure
2,643,098	A. Kimura	Method of interconnecting drivers/array for silicon-LCD
2,643,100	S. Nishi, T. Yoshida, and Y. Kimura	A driving method for multisync TFT LCD
2,645,755	S. Kano, T. Fukuzawa, and Y. Takahashi	Micro optical beam scanner
2,646,398	H. Tanaka, S. Takayama, T. Shimizu, and Y. Kato	Magneto-optical recording medium
2,647,291	M. Kisaka	Optimal control mode change in a hard disk drive
2,647,312	A. K. Satoh, H. Nijima, T. A. Toyooka, and Y. Sakaue	Redundant architecture and its control methods for flash EEPROM
2,647,359	A. Aoyagi, H. Akiyama, H. Tsujino, and K. Takada	Reverse side mount plate HSA
2,648,558	H. Yasumuro, N. Miyamoto, and Y. Tahara	Direct table input using zoom-in scope method
Switzerland		
586,774	A. Catana, C. A. Mueller, E. Maechler, G. Bednorz, and J. P. Locquet	Process for manufacturing thin films by multilayer deposition
United Kingdom		
581,448	A. J. Morrish, D. J. Eagle, G. Luck, T. K. Gibbs, and V. Findlay	Elapsed time recording device
630,036	A. R. Knox, F. S. Jackson, and J. S. Beeteson	Cathode ray tube display with cancellation of electric field emissions
United States		
568,834	F. Legoues, M. Horn Von Hoegen, M. W. Copel, and R. Tromp	Surfactant-enhanced epitaxy
581,344	F. A. Frick	Machine for making barbs on wire
5,615,337	C. L. Cotner, M. R. Zimowski, and P. K. Shum	System and method for efficiently processing diverse result sets returned by a stored procedure
5,615,827	C. Okoro, H. J. Golden, I. S. Mahmoud, J. Spalik, R. L. Arldt, and S. H. Downey	Flux composition and corresponding soldering method
5,616,422	G. L. Ballard and J. G. Gaudiello	Metallized substrate
5,616,513	J. F. Shepard and P. A. Ronsheim	Shallow trench isolation with self-aligned PSG layer
5,616,958	E. H. Laine and J. W. Wilson	Electronic package
5,617,007	J. S. Rotter, S. D. Keidl, and S. W. Steele	Battery charging method and apparatus using current control
5,617,047	R. V. Joshi, W. Hwang, and W. H. Henkels	Reset and pulse width control circuits for high-performance multi-port memories and register files
5,617,116	A. Edgar	System and method for sacrificial color matching using bias
5,617,118	S. Thompson	Mode dependent minimum FIFO fill level controls processor access to video memory
5,617,237	D. C. Bogdan, D. L. Pearl, D. T. Pribula, G. W. Hutt, M. I. Hussain, and N. R. Aulet	Automated system and corresponding method for measuring transmitter extinction ratio of electro-optic modules
5,617,238	D. C. Bogdan, D. L. Pearl, D. T. Pribula, G. W. Hutt, M. I. Hussain, and N. R. Aulet	Automated system and corresponding method for measuring transmitter duty cycle distortion of electro-optic modules
5,617,273	J. P. Gunder and J. W. Carr	Thin-film slider with protruding R/W element formed by chemical-mechanical polishing

5,617,274	O. J. Ruiz	Low profile integral flexure for closely packed disks in a disk drive assembly
5,617,277	M. M. Chen and M. T. Krounbi	Magnetoresistive read head with back filled gap insulation layers
5,617,289	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
5,617,296	J. A. Melville and R. D. Hamilton	Printed circuit board covers for an electronics package
5,617,339	G. J. Smith	Method and apparatus for detecting degradation in data storage system spindle motor performance
5,617,351	C. L. Bertin, D. J. Dimaria, M. Miyakawa, and Y. Sakaue	Three-dimensional direct-write EEPROM arrays and fabrication methods
5,617,401	J. E. Hurst	Calibration of lasers that produce multiple power output levels of emitted radiation
5,617,419	F. E. Noel, K. J. Christensen, and L. C. Haas	Adapting switch port and workstation communication adapter to data frame types with disparate formats and data rates
5,617,426	B. Koeneman, M. L. Shulman, and W. H. McAnney	Locking mechanism for delay, short path, and stuck-at testing
5,617,430	F. W. Angelotti, K. T. Kaliszewski, M. A. Weed, S. M. Douskey, and W. A. Britson	Testing system interconnections using dynamic configuration and test generation
5,617,432	D. Plomgren, J. S. Eggenberger, N. K. Ouchi, and P. Hodges	Common error protection code for data stored as a composite of different data formats
5,617,511	J. P. Bigus	Neural network shell for application programs
5,617,512	G. G. Pechanek and S. Vassiliadis	Triangular scalable neural array processor
5,617,527	B. H. Berger, B. P. Smith, and M. S. Kressin	Method for adding a graphical user interface (GUI) to a command line driven application
5,617,536	D. A. Freitas, L. J. Serrano, and M. M. Yu	Method and apparatus for servo control with error detection of gray (Pennington) code used for servo track ID
5,617,547	G. W. Wilhelm, Jr., H. T. Olnowich, J. D. Jabusch, J. W. Feeney, and R. F. Lusch	Switch network extension of bus architecture
5,617,556	A. M. Youngs, D. G. Gregoire, and Y. Baumgartner	Method to avoid snoop push operation
5,617,561	D. T. Blaauw, J. F. Skovira, and N. S. Radia	Message sequence number control in a virtual time system
5,617,568	B. A. Rich, E. Plassmann, M. Ault, and M. D. Wilkes	System and method for supporting file attributes on a distributed file system without native support therefor
5,617,577	C. A. Collins, D. B. Rolfe, D. G. Grice, D. M. Lesmeister, E. E. Retter, J. W. Dieffenderfer, M. C. Dapp, R. E. Nier, T. N. Barker, V. J. Smoral, and W. J. Knowles	Advanced parallel array processor I/O connection
5,618,354	M. F. Lofaro	Apparatus and method for carrier backing film reconditioning
5,618,379	D. Harmon, J. F. Rembetski, M. Armacost, S. Grundon, and S. V. Nguyen	Selective deposition process
5,618,751	A. Thomas, K. J. Stewart, K. M. Golden, and P. H. Pan	Single-step trenches using resist fill and recess
5,619,026	D. C. Wong, F. Y. Wu, and P. B. Chou	Grayscale barcode reading apparatus system including translating device for translating a pattern image into a sequence of bar widths and transition directions
5,619,158	C. H. Snyder, H. F. Casal, H. H. Li, J. R. Davidson, N. G. Thoma, T. Nguyen, and Y. C. Lo	Hierarchical clocking system using adaptive feedback
5,619,161	D. E. Strayer and I. I. Novof	Differential charge pump with integrated common mode control
5,619,199	B. Iyer and S. Watts	Order preserving run length key encoding
5,619,219	D. S. Goodman and P. W. Coteus	Secure viewing of display units using a wavelength filter
5,619,230	A. Edgar	System and method for real-time image display palette mapping
5,619,357	A. Afzali, C. Feger, C. Narayan, and M. Angelopoulos	Flat panel display containing black matrix polymer
5,619,387	D. H. Brown, E. A. Cunningham, H. H. Ottesen, and R. Greenberg	Disk storage device with spiral data track and incremental error offsets in angularly spaced imbedded concentric servo patterns
5,619,408	Unknown, A. J. Loper, Jr., L. E. Eisen, R. T. Golla, and S. Mallick	Method and system for recoding noneffective instructions within a data processing system
5,619,441	S. C. Bartling	High-speed dynamic binary incrementer
5,619,443	E. M. Schwarz and R. M. Bunce	Carry select and input select adder for late arriving data
5,619,460	H. Wong and T. Kirihata	Method of testing a random access memory
5,619,539	F. Dolivo, J. D. Coker, K. R. Vannorsdel, R. Hermann, R. L. Galbraith, and W. Hirt	Data detection methods and apparatus for a direct access storage device

5,619,618	J. P. Bigus	Neural network shell for application programs
5,619,637	S. D. Redpath and S. F. Henshaw	Method & system for automatic storage of an object within a container object within a graphical user interface within a data processing system
5,619,644	R. M. Kern, R. N. Crockett, and W. F. Micka	Software directed microcode state save for distributed storage controllers
5,619,646	D. Petkevich, G. B. Hoch, H. V. Pham, R. E. McCrary, S. P. Payne, and T. V. Lee	Method and system for dynamically appending data to data structures for transmission over a serial bus
5,619,650	C. B. Meltzer, G. J. Whelan, K. J. Parchinski, M. Bach, and R. B. Hoppes	Network processor for transforming a message transported from an I/O channel to a network by adding a message identifier and then converting the message
5,619,665	P. G. Emma	Method and apparatus for the transparent emulation of an existing instruction-set architecture by an arbitrary underlying instruction-set architecture
5,619,671	B. J. Bryant, D. R. Sutherland, G. E. Garrison, and K. G. Rubsam	Method and apparatus for providing token controlled access to protected pages of memory
5,619,684	B. K. Tiller, D. Rasmussen, D. G. Johnson, J. F. Goodwin, J. R. Lewis, and R. L. Yee	Method and apparatus for consistent user interface in a multiple application personal communications device
5,619,692	D. Simmen, E. J. Shekita, and T. Malkemus	Semantic optimization of query order requirements using order detection by normalization in a query compiler system
5,619,701	C. Neti	Method and system for adapter configuration in a data processing system
5,619,713	D. B. Lindquist, D. H. Gibson, G. A. Brent, and R. I. Baum	Apparatus for realigning database fields through the use of a crosspoint switch
5,619,715	K. A. Lauricella, L. M. Cranton, N. Xu, R. F. Skaggs, R. M. Dinkjian, S. Kordus, and T. W. Seigendall	Hardware implementation of string instructions
5,619,733	B. D. Noe, B. W. Lawton, D. W. Killian, and M. J. Koval	Method and apparatus for synchronizing streaming and non-streaming multimedia devices by controlling the play speed of the non-streaming device in response to a synchronization signal
5,620,132	A. Downing, D. Foster, and K. J. Puttlitz	Method for removing meltable material from a substrate
5,620,611	M. Datta, M. B. Pike, R. Shenoy, and T. Kanarsky	Method to improve uniformity and reduce excess undercuts during chemical etching in the manufacture of solder pads
5,620,618	C. J. Freedenberg, D. C. Long, D. G. Patterson, J. G. Balz, J. M. Cobb, M. LaPlante, and U. A. Ziemins	Multi-wavelength programmable laser processing mechanisms and apparatus
5,620,782	A. K. Trivedi, C. R. Davis, D. N. Light, H. L. Heck, J. S. Kresge, J. T. Kolias, S. L. Hanakovic, and T. P. Duffy	Method of fabricating a flex laminate package
5,620,818	C. M. Yuan	Photolithographic dose determination by diffraction of latent image grating
5,621,216	E. V. Clarke, J. G. Hartley, and W. A. Enichen	Hardware/software implementation for multipass e-beam mask writing
5,621,327	A. Halperin, A. E. Falls, D. C. Wong, H. W. Curtis, J. D. Mackay, J. P. Karidis, K. C. Woo, R. L. Zai, and S. W. Chiang	System and method for testing and fault isolation of high-density passive boards and substrates
5,621,486	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
5,621,592	H. S. Gill and T. Lin	Magnetically stable shields for MR head
5,621,596	H. Santini	Low profile thin-film write head
5,621,658	B. K. Jackson, M. L. Williams, P. L. Miller, and W. E. Warren	Method and apparatus for communicating an electronic action from a data processing system via an audio device
5,621,665	S. P. Ghosh and V. P. Singh	Method for selecting levels for factors for industrial process experiments
5,621,696	J. J. Nocera and S. H. Dhong	Virtual multiple-read port memory array
5,621,717	B. I. Finkelstein and T. C. Strand	Reading optical disks having substrates with diverse axial thicknesses
5,621,809	D. Kanevsky and J. Bellegarda	A computer program product for automatic recognition of a consistent message using multiple complimentary sources of information
5,621,880	W. J. Johnson	Method and apparatus for providing contextual navigation to historical data
5,621,896	Unknown and D. Burgess	Data processor with unified store queue permitting hit under miss memory accesses
5,621,897	B. F. Boury, C. E. Kuhlmann, N. W. Songer, R. E. Valli, and T. J. Lohman	A method and apparatus for arbitrating for a bus to enable split transaction bus protocols
5,621,909	C. F. Webb, M. S. Farrell, and W. H. Li	Specialized millicode instruction for address checking

5,621,912	S. M. Borruso and S. M. Krol	Method and apparatus for enabling monitoring of guests and native operating systems
5,622,520	J. Hare, N. J. Tomassetti, P. L. Dutka, W. H. White, and W. J. Tkazyik	High-density board connector attachment
5,622,596	D. Dobuzinsky, J. P. Gambino, M. Armacost, and S. V. Nguyen	High-density selective $\text{SiO}_2:\text{Si}_3\text{N}_4$ etching using a stoichiometrically altered nitride etch stop
5,622,635	C. R. Guarnieri, J. A. Hopwood, and J. J. Cuomo	Method for enhanced inductive coupling to plasmas with reduced sputter contamination
5,622,881	C. Galli, J. E. Acocella, J. F. Shepard, L. Hsu, N. Rovedo, and S. Ogura	Packing density for flash memories
5,622,892	D. J. Schepis, K. Seshan, and R. J. Bezama	Self-cooling electrically programmable fuse
5,622,898	J. H. Zechman	Process of making an integrated circuit chip composite including parylene coated wire
5,623,006	K. I. Papathomas	Triazine polymer and use thereof
5,623,261	R. A. Rose	Method for keyboard character mapping
5,623,271	S. Ponnappalli	Low frequency planar antenna with large real input impedance
5,623,338	F. Zenhausern, H. K. Wickramasinghe, M. O'Boyle, and Y. Martin	Interferometric near-field apparatus based on multi-pole sensing
5,623,339	F. Zenhausern, H. K. Wickramasinghe, and M. O'Boyle	Interferometric measuring method based on multi-pole sensing
5,623,354	M. Angelopoulos, R. A. John, and S. C. Lien	Liquid crystal display with multi-domains
5,623,383	C. G. Keller and T. A. Gregory	Magnetic slider design for precision wear-in
5,623,394	A. Fahey, C. F. Jones, D. L. Edwards, G. Messina, G. S. Hopper, M. G. Courtney, R. A. Sherif, and S. Iruvanti	Method and apparatus for cooling of chips using a plurality of customized thermally conductive materials
5,623,450	J. S. Muhich, L. B. Phillips, and R. P. Masleid	Conditional recharge for dynamic logic
5,623,470	J. Kulakowski, J. E. Kulakowski, and P. Asthana	Reallocation of defective recording areas on a CD-R or CD-E disk
5,623,471	C. H. Prigge	Adaptive backup for storage library
5,623,506	J. G. Foster and T. E. Dell	Method and structure for providing error correction code within a system having SIMMS
5,623,599	R. W. Shomler	Method and apparatus for processing a synchronizing marker for an asynchronous remote data copy
5,623,608	S. W. Ng	Method and apparatus for adaptive circular predictive buffer management
5,623,615	G. J. Salem and T. L. Weakley	Circuit and method for reducing power consumption in superscaler processors
5,623,618	J. A. Brewer, J. M. Stafford, and P. R. Habermehl	Installation and use of plural expanded memory managers
5,623,632	M. J. Mayfield, P. P. Liu, and R. J. Reese	System and method for improving cache performance in a multiprocessing system
5,623,657	M. H. Conner and N. Coskun	System for processing application programs including a language independent context management technique
5,623,659	P. C. Wang and S. B. Shi	Locking scheme for versioned objects
5,623,663	J. H. Lewis, K. D. Johnson, and S. A. Morgan	Converting a windowing operating system messaging interface to application programming interfaces
5,623,669	W. J. Kincaid	High-speed online copy of partitioned data
5,623,676	E. L. Porter, R. Tallman, and T. Horiguchi	Computer program product and program storage device for safing asynchronous interrupts
5,623,693	A. S. Pearson, J. W. Pence, and L. L. Ashton	Queuing procedure for optimal processing of variable-cost actions to minimize idle processing capacity
5,623,694	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Aborting an I/O operation started before all system data is received by the I/O controller after detecting a remote retry operation
5,623,696	C. J. Emberley, D. Noddings, R. Voncina, and R. H. Johnson	System for formatting a request into a packet which can be read by plurality of operating systems for providing a driver for a storage device
5,623,697	D. Cronin, D. Moeller, L. M. Venarchick, P. M. Bland, and R. G. Hofmann	A bridge between two buses of a computer system with a direct memory access controller having a high address extension and a high count extension
5,623,701	B. E. Bakke, B. M. Walk, and D. F. Moertl	Data compression method and structure for a direct access storage device
5,623,758	D. J. Wanek, J. B. Brown, J. T. Coffey, and W. W. Brooks, Jr.	Method of fabricating a low profile head suspension assembly having load and unload capability (as amended)
5,624,845	F. Zenhausern and H. K. Wickramasinghe	Assembly and a method suitable for identifying a code
5,624,869	C. Cabral, F. M. d'Heurle, L. Clevenger, M. W. Copel, P. D. Agnello, and Q. Hong	A method of forming a film for a multilayer semiconductor device for improving thermal stability of cobalt silicone using platinum or nitrogen

5,625,020	C. J. Knors, G. Breyta, H. Ito, and R. Sooriyakumaran	Photoresist composition
5,625,233	A. Grill, C. Cabral, and E. Colgan	Thin-film multi-layer oxygen diffusion barrier consisting of aluminum on refractory metal, refractory metal luminide, and aluminum oxide
5,625,280	S. H. Voldman	Voltage regulator bypass circuit
5,625,302	J. J. Covino and J. R. Sousa	Address buffer for synchronous system
5,625,506	G. J. Smith, J. K. Spong, and M. M. Dovek	Method and apparatus for reducing readback error by controlling the phase locked loop (as amended)
5,625,508	D. H. Brown, G. J. Smith, and H. H. Ottesen	Method and apparatus for servo demodulation in a direct access storage device
5,625,510	J. H. Eaton and T. R. Albrecht	High torsional stiffness low axial deflection stiffness drive shaft system
5,625,511	D. R. Stacer, G. M. Frees, and P. E. Brooks	Stepped spindle motor shaft to reduce disk drive acoustic noise
5,625,512	G. J. Smith	Air bearing slider deflection apparatus and method for fabricating same
5,625,579	F. A. Houle and W. D. Hinsberg	Stochastic simulation method for processes containing equilibrium steps
5,625,609	H. J. Rosen, K. A. Rubin, M. R. Latta, and W. W. Tang	Multiple data layer optical disk drive system with fixed aberration correction and optimum interlayer spacing
5,625,615	B. I. Finkelstein, D. J. Winarski, J. J. Dente, M. E. Goldfeder, and M. T. Solan	Optical storage drive employing variable write speed for reduced laser write power
5,625,621	J. S. Chorprenning, K. J. Christensen, M. R. Povse, M. S. Siegel, N. C. Strole, R. Zeisz, and T. E. Stammely	Method and system of automatically configuring a LAN switch port of a multi-port LAN switch based on an attached device type
5,625,631	G. W. Rohrbaugh and J. Zimmerman	Pass-through mode for multi-chip-module die
5,625,645	L. S. Mok and P. F. Greier	Differential pulse encoding and decoding for binary data transmissions
5,625,775	R. A. Davis and S. A. Keller	Modem communication interface in a data processing system
5,625,781	J. H. Werner, R. L. Poston, and T. L. Cline	Itinerary list for interfaces
5,625,787	L. H. Moulton III, P. D. Kartschoke, S. Rich, S. J. Ciavaglia, S. M. Conor, and S. W. Mahin	Mechanism to identify instruction boundaries in cache
5,625,789	J. H. Hesson, P. Wilcox, S. J. Ciavaglia, T. J. LeBlanc, and W. Esling	Apparatus to perform source operand dependency analysis, perform register renaming and provide rapid pipeline recovery for a microprocessor that issues and executes multiple instructions out-of-order in a single cycle
5,625,793	J. H. Mirza	Automatic cache bypass for instructions exhibiting poor cache hit ratio
5,625,804	B. A. Foley, G. E. Graffius, L. F. Sutton, and R. C. Cooper	Data conversion in a multiprocessing system usable while maintaining system operations
5,625,808	B. W. Krumm, C. F. Webb, J. A. Navarro, J. S. Liptay, M. A. Check, M. S. Farrell, and S. B. Risch	Read only store as part of cache store for storing frequently used millicode instructions
5,625,811	A. Bhide, A. Goyal, D. M. Dias, F. N. Parr, and J. Wolf	Method and system for database load balancing
5,625,820	D. L. Hermsmeier, G. R. Ricard, J. J. Vriezen, and L. W. Youngren	System managed logging of objects to speed recovery processing
5,625,821	A. M. Shepherd, S. E. Record, and S. S. Shultz	Asynchronous or synchronous operation of event signaller by event management services in a computer system
5,625,830	K. S. Gray and S. F. Oakland	Reduced circuit, high-performance, binary select encoder network
5,625,835	D. Luick, G. M. Silberman, J. H. Moreno, K. Ebciglu, and P. Winterfield	Method and apparatus for reordering memory operations in a superscaler or very long instruction word processor
5,625,836	C. A. Collins, D. M. Lesmeister, E. E. Retter, J. W. Dieffenderfer, M. C. Dapp, R. E. Nier, R. R. Richardson, T. N. Barker, and V. J. Smoral	SIMD/MIMD processing memory element (PME)
5,625,845	B. W. Lawton, C. Knox, D. Carmon, F. F. Chen, G. G. Allran, J. Eduartez, L. B. Marshall, M. Ware, N. A. Mitchell, and R. Weeks	Intertask communication in the digital signal processor subsystem
5,625,877	E. H. Stern and J. M. Dunn	Wireless variable bandwidth air-link
5,626,276	J. C. Lo and M. Servedio	Linkage drive mechanism for ultrasonic wirebonding
5,626,771	C. R. Davis, E. R. Skarvinko, and F. D. Egitto	Design of high-density structures with laser etch stop
5,626,778	C. J. Freedenberg, D. C. Long, D. G. Patterson, J. G. Balz, J. M. Cobb, M. LaPlante, and U. A. Ziemins	Multi-wavelength programmable laser processing mechanisms and apparatus