

Recent IBM patents

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

Canada

2,088,507	R. J. Trent	Method and apparatus for image data processing
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Germany

4,311,211.0	A. Storrer and U. Schwall	Computer system and method for automatically analyzing a text
19,529,588.9	R. Dietrich and T. Diehl	Computer system having disconnectable system units
19,600,768.2	D. Sonnentag, H. Drocge, L. Fischer, and M. Scheibel	Security keyboard
19,636,381.0	G. Goldrian, G. A. Goldrian, and H. W. Tast	Bus with request-dependent matching of the bandwidth available in both directions

Japan

971,979-1	N. Mieki	Personal computer
1,006,557	N. Mieki	Personal computer
2,733,646	T. Matsumoto	Scanner
2,735,784	K. Kurachi, K. Ogasawara, M. Okada, T. Matsui, T. Nakamura, T. Numata, Y. Kigami, and Y. Yokoe	Wide MRW for no-ID application
2,739,041	M. Hasegawa and Y. Taira	Fabrication tool and method of wide viewing-angle liquid crystal displays
2,739,726	S. Tsuchida and Y. Tsukada	Double side surface laminar circuit
2,741,575	H. Nozaki and N. Itoh	A method of entering words by on-line character recognition
2,741,842	M. Horiuchi, S. Ishii, and W. Yoshikawa	Battery latch mechanism for personal computer
2,744,889	H. Matsuda, I. Koyanagi, K. Serizawa, K. Takahashi, and S. Matsuzaki	Flex cable ASM with one support plate
2,745,370	H. Maruyama and K. Takeda	Word selection utilizing variables
2,760,952	M. Shirai	The circuit board oxidized after etching
2,761,454	S. Ishikawa and S. H. Asaka	An obstacle avoiding method using relative distance from objects for an autonomous mobile machine
2,761,467	H. Tarahashi	Very fast character segmentation from black frames
2,763,744	S. O. Owa and Y. Taira	Control method of optical cavities for the generation of ultraviolet light
2,765,674	M. Ioka	Intensity normalization for scene change detection
2,765,679	C. Lin, I. Yoneda, K. Ogasawara, Y. Nakamura, and Y. Yokoe	Excessive PES rejection algorithm for sector servo
2,769,052	S. Ishikawa	A method of using fuzzy control for autonomous mobile robot navigation
2,771,929	H. Ono and K. Ikarugi	A state feedback algorithm for microprocessor application
2,771,951	K. Ono and S. Yaegashi	Operational flow control for reactive systems

United Kingdom

596,280 A. Zlotnick and E. D. Karnin Improvements in image processing

United States

5,475,676 K. E. Plambeck and S. J. Hobson Authority reduction and restoration method providing system integrity for subspace groups and single address spaces during program linkage

5,694,617 J. R. Easton, C. F. Webb, M. H. Cheung, and M. S. Farrell System for prioritizing quiesce requests and recovering from a quiescent state in a multiprocessing system with a milli-mode operation

5,695,500 R. H. Taylor System for manipulating movement of a surgical instrument with computer controlled brake

5,695,864 J. C. Slonczewski Electronic device using magnetic components

5,696,030 J. E. Cronin Integrated circuit contacts having improved electromigration characteristics and fabrication methods therefor

5,696,535 E. J. Selker and J. D. Rutledge Graphics display pointer with integrated selection

5,696,649 Z. E. Boutaghrou Elastic insert shroud to provide maximum effective shrouding shock mitigation and filtering in high speed disk drives

5,696,654 H. S. Gill and M. Pinarbasi Dual element magnetoresistive sensor with antiparallel magnetization direction for magnetic state stability

5,696,656 B. A. Gurney, D. J. Werner, H. S. Gill, J. F. Smyth, and V. S. Speriosu High sensitive orthogonal spin valve read head

5,696,709 R. M. Smith Program controlled rounding modes

5,696,713 L. A. Kovacs Method for faster division by known divisor while maintaining desired accuracy

5,696,879 F. I. Parke, G. S. Rogers, J. H. Werner, R. L. Poston, S. H. Isensee, and T. L. Cline Method and apparatus for improved voice transmission

5,696,885 A. Hekmatpour Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications

5,696,896 J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra A program product for group leader recovery in a distributed computing environment

5,696,905 J. A. Reimer and R. A. Reinsch System and method for providing merchant information and establishing links to merchants while presenting a movie

5,696,918 B. A. Barker, J. A. Stark, and T. R. Edel Method of managing marker entities within a document data stream

5,696,932 K. F. Smith Method and system for estimating minimum requirements on a cache in a computer based storage system

5,696,947 C. R. Johns and J. Roberson Two dimensional frame buffer memory interface system and method of operation thereof

5,696,960 B. Iyer, G. Bhargava, and P. Goel A computer program product for generating uniqueness information for optimizing an SQL query

5,696,973 B. G. Lindsay, L. De Michiel, and R. Agrawal Index-based method for supporting multimethod function overloading with compile-time type checking and run-time dispatch

5,696,974 B. G. Lindsay, L. De Michiel, and R. Agrawal Method to support multimethod function overloading with compile-time type checking

5,696,985 D. T. Crump and S. Pancoast Video processor

5,699,062 A. X. Widmer Transmission code having local parity

5,699,082 E. J. Selker and R. F. Marks Enhanced program access in a graphical user interface

5,699,160 A. Tam, A. R. Taheri, B. Karni, B. M. Harper, H. Lu, H. Seing, L. T. Pena, M. Barenboim, M. G. Lisanke, P. Baumgart, P. J. Kerstens, and P. P. Chrusch Optical apparatus for inspecting laser texture

5,699,212 A. D. Erpelding, R. G. Simmons, and S. Pattanaik Method of electrostatic discharge protection of magnetic heads in a magnetic storage system

5,699,266 J. E. Stuart and V. M. Chung Method and apparatus for automatically recognizing repeated shapes for data compaction

5,699,288 P. P. Liu, R. P. Singh, and S. C. Kim Compare circuit for content-addressable memories

5,699,427 C. S. Chow, M. Yung, and S. Kutten Method to deter document and intellectual property piracy through individualization

5,699,501 J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra A system for group leader recovery in a distributed computing environment

5,699,502 M. S. Williams and R. C. Swanberg System and method for managing computer system faults

5,699,511 T. C. Waldron, K. K. Yellepeddy, R. B. Ward, and T. J. Porcaro System and method for dynamically varying low level file system operation timeout parameters in network systems of variable bandwidth

5,699,532 A. J. Stagg, L. Barrett, L. D. Long, L. F. Menditto, and R. E. Ward Improved channel interfaces for computer input/output channels

5,699,534	D. A. Ford, E. J. Selker, and R. J. Barber	Multiple display pointers for computer graphical user interfaces
5,699,535	H. Y. Amro	Method, memory and apparatus for automatically resizing a plurality of windows displayed on a computer display
5,699,536	M. E. Hopkins and R. Nair	Computer processing system employing dynamic instruction formatting
5,699,538	B. B. Truong, H. Q. Le, and K. So	Efficient firm consistency support mechanisms in an out-of-order execution superscalar multiprocessor
5,699,613	C. H. Crockett, Jr., K. G. Hoebener, K. H. Chong, M. McMaster, and S. A. Dunn	Fine dimension stacked vias for a multiple layer circuit board structure
5,699,679	J. J. Wu, J. P. Norum, S. Schmitz, and W. A. Cavaliere	Cryogenic aerosol separator
5,699,853	G. F. Goth, J. J. Loparco, R. G. Kemink, and R. R. Schmidt	Combined heat sink and sink plate
5,700,380	J. H. Lee and M. T. Krounbi	Simplified method of making merged MR head
5,700,398	A. Viehbeck, J. M. Roldan, J. M. Shaw, M. Angelopoulos, R. Saraf, S. Purushothaman, T. Graham, and V. A. Brusic	Composition containing a polymer and conductive filler and use thereof
5,700,549	J. Garant and R. F. Indyk	Structure to reduce intervia stress in MLC
5,700,581	K. G. Sachdev, M. Berger, and M. S. Chace	Solvent-free epoxy based adhesives for semiconductor chip attachment and process
5,700,844	D. Y. Shih, J. C. Hedrick, J. L. Hedrick, R. D. Miller, and Y. H. Liao	Process for making a foamed polymer
5,701,219	M. K. Shafe	Spacer for providing support and a transducer parking structure in a disk drive assembly
5,701,222	B. A. Gurney and H. S. Gill	Spin valve sensor with antiparallel magnetization of pinned layers
5,701,223	B. Gurney, C. Tsang, D. R. Wilhoit, R. E. Fontana, T. Lin, and V. S. Speriosu	Spin valve magnetoresistive sensor with antiparallel pinned layer and improved exchange bias layer, and magnetic recording system using the sensor
5,701,408	C. H. Tran, D. Ho, J. Cornell, J. L. Diaz, and S. Nguyen	Method for testing computer operating or application programming interfaces
5,701,415	Y. Wei	Method for creating stub file supporting remote procedure calls by generating common code including code utilized by stub procedures to invoke plurality of service procedures
5,701,429	C. S. Michod, C. Y. Ng, J. Liu, J. R. Steffan, S. R. Vangundy, V. Legvold, and W. G. Sherman	Method and system for maintaining concurrent data access during device upgrade
5,701,430	B. Blaner and T. L. Jeremiah	Cross-cache-line compounding algorithm for scism processors
5,701,446	B. Abali and R. Mraz	Method for fine grain adjustments to system time in computer systems
5,701,451	K. Lagarde and R. M. Rogers	A method for fulfilling requests of a web browser
5,701,454	B. Iyer, G. Bhargava, and P. Goel	Simplification of SQL queries using generalized inference propagation and generalized transitive closure
5,701,455	B. Iyer, G. Bhargava, and P. Goel	Method and apparatus for reordering complex SQL queries containing inner and outer join operations
5,701,456	B. G. Payton, H. A. Siwek, and T. W. Jacopi	System and method for interactively formulating database queries using graphical representations
5,701,458	M. E. Bsaibis and T. R. Kells	System and method for managing access control lists in a computer network
5,701,465	A. P. Stephens, G. L. Morris, M. J. Baugher, and P. Y. Chang	Method and apparatus for reserving system resources to assure quality of service
5,701,486	S. A. Knight and T. A. Gilbertsen	Tracing technique for application programs using protect mode addressing
5,701,489	B. Wyman and C. Bates	System for partial in-line expansion of procedure calls during program compilation
5,701,495	A. M. Youngs, E. Silha, J. Nicholson, R. L. Arndt, and S. M. Thurber	Scalable system interrupt structure for a multiprocessing system
5,701,498	G. P. Meyer, J. S. Sims, and K. E. Goach	Method and apparatus for a structured ASCII browser for online publications formatted in a bookmaster format
5,701,502	E. D. Baker, J. M. Dinwiddie, Jr., J. M. Joyce, J. M. Loffredo, K. R. Sanderson, and L. E. Grice	Isolating a central processing unit from the operating system controlling said unit and its associated hardware for interaction of the unit with data handling apparatus alien to the operating system
5,701,510	G. C. Manthuruthil, M. L. Williams, R. S. Keller, and W. J. Johnson	Methodology for synchronization sequencing of multimedia presentations
5,701,647	D. E. Kotecki and K. L. Saenger	Isolated sidewall capacitor having a compound plate electrode
5,701,654	M. J. Canestaro	Precision fluid head transport
5,702,756	A. F. Renaldo and D. R. McKean	Process for making a thin film magnetic head
5,702,984	C. L. Bertin, E. L. Hedberg, G. A. Kelley, H. L. Kalter, and W. J. Howell	Integrated multichip memory module, structure and fabrication

5,703,331	G. J. Shovlowsky, J. D. Herard, T. G. Macek, T. L. Sharp, and W. L. Brodsky	Circuitized structure including flexible circuit with elastomeric member bonded thereto
5,703,495	A. L. Sartwell and E. P. Thoma	Data output impedance control
5,703,498	B. A. Worth, F. Furtek, F. R. Keyser, S. W. Gould, and T. Zitttritsch	Programmable array clock/reset resource
5,703,532	H. J. Shin and P. Xiao	Fully differential self-biased signal receiver
5,703,578	J. D. Allison	Folding keyboard
5,703,622	E. K. Evans and R. M. West	Method for identifying video pixel data format in a mixed format data stream
5,703,684	A. R. Taheri and H. Lu	Apparatus for optical differential measurement of glide height above a magnetic disk
5,703,734	J. Berberich, J. Heath, J. L. Neubauer, L. Berg, and Z. E. Boutaghou	Disc drive having an integral gasket and continuous outer perimeter shock bumper (as amended)
5,703,747	P. E. Bakeman, Jr. and S. H. Voldman	Multichip semiconductor structures with interchip electrostatic discharge protection, and fabrication methods therefore
5,703,823	D. E. Douse, E. L. Hedberg, and W. F. Ellis	Memory device with programmable self-refreshing and testing methods therefore
5,703,872	A. K. Boggs, C. L. Purrington, D. Hoang, J. M. Jacobs, J. M. Mullen, and L. A. Weaver	Intelligent concentrator for multiple speed data communications systems
5,704,009	J. H. Werner, R. L. Poston, S. H. Isensee, and T. L. Cline	Method and apparatus for transmitting a voice sample to a voice activated data processing system
5,704,012	J. P. Bigus	Adaptive resource allocation using neural networks
5,704,032	J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	A method for group leader recovery in a distributed computing environment
5,704,041	D. Toltzman, J. Goodwin, P. J. Reder, R. L. Nielsen, and W. Allen	Object independent scoping in an open system interconnection system
5,704,050	S. D. Redpath	Snap control for relocating elements of a graphical user interface (GUI)
5,704,055	A. H. Preston, D. E. Stucki, J. George, M. Kim, M. A. Krygowski, and S. G. Glassen	Dynamic reconfiguration of main storage and expanded storage by means of a service call logical processor
5,704,058	C. M. Herring and J. E. Derrick	Cache bus snoop protocol for optimized multiprocessor computer system
5,704,419	D. Agonafer, G. M. Chrysler, R. E. Simons, and T. M. Anderson	Air flow distribution in integrated circuit spot coolers
5,704,987	B. Jurjevic, C. Huynh, D. P. Nadeau, J. A. Gilhooly, M. J. Rutten, and S. Cohen	Process for removing residue from a semiconductor wafer after chemical-mechanical polishing
5,705,022	A. Viehbeck, D. Lewis, and S. J. Whitehair	Continuous lamination of electronic structures
5,705,223	R. J. Bunkofske	Method and apparatus for coating a semiconductor wafer
5,705,287	A. W. Wu, J. H. Kaufman, M. Doerner, M. Mirzamaani, and S. Metin	Magnetic recording disk with metal nitride texturing layer
5,705,407	A. Lanpher, E. D. Johnson, J. Dunn, K. K. Kieft, M. D. Hulvey, N. Schmidt, and R. Kertis	Method of forming high performance bipolar devices with improved wiring options
5,705,570	F. C. Burns, R. W. Snyder, V. Y. Lee, and W. W. Fleming	Ablatively photodecomposable compositions
5,705,857	E. D. Perfecto, G. E. White, M. S. Farooq, and S. Kaja	Capped copper electrical interconnects
5,706,067	E. Colgan, F. B. Kaufman, J. L. Speidell, J. M. Harper, M. P. Manny, and R. L. Melcher	Reflective spatial light modulator array
5,706,171	D. L. Edwards, G. Messina, R. A. Sherif, and S. Iruvanti	Flat plate cooling using a thermal paste retainer
5,706,222	A. J. Perri, A. R. Bonaccio, K. W. Lang, and M. A. Bergquist	Multiple mode peak detector for hard disk drives
5,706,237	G. A. Yeung, G. M. Lattimore, M. K. Ciraula, and T. L. Leasure	Self-restore circuit with soft error protection for dynamic logic circuits
5,706,347	A. S. Burke and D. Gugliotta	Method and system for authenticating a computer network node
5,706,348	J. P. Gray, M. Peyravian, and R. O. Onvural	Use of marker packets for synchronization of encryption/decryption keys in a data communications network
5,706,349	P. H. Kramer, P. Y. Chang, and R. Aditham	Authenticating remote users in a distributed environment
5,706,429	H. O. Radke, R. D. Millar, and R. S. Lai	Open transaction manager access system and method
5,706,432	A. A. Helffrich, D. A. Elko, G. A. Goldrian, J. A. Williams, S. N. Goss, and T. A. Gregg	Mechanism for receiving messages at a coupling facility

5,706,439	T. E. Parker	Method and system for matching packet size for efficient transmission over a serial bus
5,706,440	D. R. Compliment and T. J. Prorock	Method and system for determining hub topology of an ethernet LAN segment
5,706,443	C. K. Tang, D. J. Lang, D. R. Nowlen, D. W. Finney, J. M. Menon, J. T. Brady, and M. H. Hartung	Method and apparatus for enabling pipelining of buffered data
5,706,448	J. A. Blades	Method and system for manipulating data through a graphic user interface within a data processing system
5,706,449	J. Fesko and V. Vasandani	Method and system for providing improved controls in a graphical user interface
5,706,454	M. G. MacPhail	Changeable live icon with visual state indicator option
5,706,461	A. A. Slane, F. E. Safi, G. S. Delp, J. W. Byrn, K. G. Plotz, M. W. Branstad, and P. L. Leichty	Method and apparatus for implementing virtual memory having multiple selected page sizes
5,706,464	C. R. Moore, J. S. Muhich, and R. J. Reese	Method and system for achieving atomic memory references in a multilevel cache data processing system
5,706,489	B. Sinha, B. R. Iyer, C. H. Chi, G. S. Rao, H. Ghafir, and I. S. Narang	Method for a CPU to utilize a parallel instruction execution processing facility for assisting in the processing of the accessed data
5,706,494	C. Zuzarte, M. H. Pirahesh, R. J. Cochran, and R. S. Sidle	System and method for constraint checking bulk data in a database
5,706,495	A. Chadha, A. Gupta, B. Iyer, P. Goel, and V. Harinarayan	Encoded-vector indices for decision support and warehousing
5,706,499	E. T. Lin, J. Kleewein, and Y. Wang	Functional compensation in a heterogeneous, distributed gas environment
5,706,507	R. J. Schloss	System and method for controlling access to data located on a content server
5,706,508	D. Chen, L. Temoshenko, W. McKenzie, and Z. Ordanic	System and method for monitoring SNMP tables
5,706,512	A. V. Vakkalagadda, B. E. Naylor, B. J. Patterson, G. S. Denny, J. L. Mansker, J. W. Bahls, J. Y. Tse, R. G. Hannan, and S. L. Stooß	Computer program product for queuing and receiving data objects to and from a shared storage medium
5,706,513	A. V. Vakkalagadda, B. E. Naylor, B. J. Patterson, G. S. Denny, J. L. Mansker, J. W. Bahls, J. Y. Tse, R. G. Hannan, and S. L. Stooß	System and method for queuing and retrieving data objects to and from a shared storage medium
5,706,516	D. Y. Chang and M. G. Smith	System for communicating messages among agent processes
5,706,568	A. Nenadic, A. Piciacchio, F. R. Krug, R. Lewin, and W. A. Cavaliere	Automated chamfering apparatus and method
5,707,000	D. C. Olson and R. B. Phillips	Apparatus and method for removing known good die using hot shear process
5,707,476	G. Natarajan, J. G. Zhou, J. U. Knickerbocker, and R. J. Bezama	Method for forming multiple cavity products
5,707,480	G. Natarajan, J. G. Zhou, J. U. Knickerbocker, and R. J. Bezama	Apparatus for forming multiple cavity products
5,707,893	A. Bhatt, A. C. Bhatt, J. A. Knight, R. J. Day, R. W. Malek, T. P. Duffy, and V. R. Markovich	Method of making a circuitized substrate using two different metallization processes
5,708,263	H. P. Wong	Photodetector Array
5,708,274	G. Langner and W. Stickel	Curvilinear variable axis lens correction with crossed coils
5,708,374	C. M. Durham and P. J. Klim	Self-timed control circuit for self-resetting logic circuitry
5,708,388	P. S. Carlile	Single current source current generating circuit for periodically activating and deactivating portions of an IC
5,708,469	L. Herzberg	Multiple view telepresence camera system using a wire cage which surrounds a plurality of movable cameras and identifies fields of view
5,708,537	D. J. Stanek and R. L. Galbraith	Intelligent envelope detector and method for gain control for PRML data and servo channels including polarity detection
5,708,541	A. D. Erpelding	Termination pad manipulator for a laminated suspension in a data storage system
5,708,559	B. El Kareh, C. Kaanta, M. J. Rutten, S. Martin, and T. J. Brabazon	Precision analog metal-metal capacitor
5,708,563	F. C. Yentz, J. Basco, R. A. Hood, and W. V. Cranston	Computer with modular removable card cage
5,708,613	C. E. Drake, F. Creed, M. Beiley, and P. Jenkins	High performance redundancy in an integrated memory system
5,708,668	D. A. Styczinski	Method and apparatus for operating an array of storage devices
5,708,764	J. Rossignac, J. P. Menon, K. S. Cheng, and P. Borrel	Hotlinks between an annotation window and graphics window for interactive 3D graphics
5,708,774	E. B. Boden	Automated testing of software application interfaces, object methods and commands

5,708,779	D L. Stanley, J. F. Hauris, and M. J. Graziano	Multimedia system and method of controlling data transfer between a host system and a network adapter using a DMA engine
5,708,790	G. J. McWilliams, J. W. Kemp, and S. W. White	Virtual memory mapping method and system for address translation mapping of logical partitions for BAT and TLB entries in a data
5,708,793	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
5,708,804	B K. Tiller, C. S. Lanier, J. F. Goodwin, J. R. Lewis, and R. L. Yee	Apparatus and method therefor of intelligently searching for information in a personal communications device
5,708,811	D. R. Padgett, J. M. Phelan, J. W. Arendt, P. P. Giangarra, and R. K. Manikundalam	System and method for lazy loading of shared libraries
5,708,832	H. A. Inniss and R. P. Welch	Network redirection for the enhancement of server capacities
5,708,836	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Multi-PME array processor system
5,708,837	G. H. Handlogten	Method and apparatus for register renaming in a computer system using a separate arithmetic available queue
5,708,852	D. E. Wiltsey and J. N. Dieffenderfer	Apparatus for serial port with pattern generation using state machine for controlling the removing of start and stop bits from serial bit data stream
5,709,336	A. P. Ingraham and W. T. Chen	Method of forming a solderless electrical connection with a wirebond chip
5,709,805	C. R. Davis and T. P. Gall	Method for producing multi-layer circuit board and resulting article of manufacture
5,709,906	A. Viehbeck, D. G. McBride, E. Foster, H. R. Bickford, L. C. Matthew, M. Goldberg, P. J. Duke, S. L. Tisdale, T. R. O'Toole, and V. Markovich	Method for conditioning halogenated polymeric materials and structures fabricated therewith
5,710,376	G. V. Weber	Charged mass thin film condenser accelerometer
5,710,460	J. Miller, J. Patrick, R. A. Previti-Kelly, and R. K. Leidy	Method and structure for reducing microelectronic short circuits using spin-on glass as part of the interlayer dielectric
5,710,510	D. J. Seagle and J. F. Smyth	Apparatus and method for intra process on wafer monitoring of deposited layer permeability
5,710,574	W. Jaaskelainen, Jr.	Method and system for positioning a graphical pointer within a widget of a data processing system graphical user interface
5,710,578	G. M. Beauregard, K. D. Nguyen, L. K. Loucks, and R. J. Urquhart	System and method for utilizing fast polygon fill routines in a graphics display system
5,710,631	A. D. Dorundo, A. R. Taheri, D. Whitaker, H. Lu, K. W. Watts, L. T. Pena, M. G. Lisanke, and S. S. So	Apparatus and method for storing interferometric images of scanned defects and for subsequent static analysis of such defects
5,710,676	S. B. Wilson, S. D. Johnson, and S. M. Fry	Preformatting of a storage media having fixed-size partitions
5,710,681	B. L. Rappel, E. A. Eckberg, and G. D. Malagrino, Jr.	Pivot bearing having no moving parts for use in a high density data tape drive
5,710,682	A. J. Wallash, S. H. Voldman, S. P. Arya, and T. S. Hughbanks	Electrostatic discharge protection system for MR heads
5,710,700	J. M. Kurtzberg and M. Levanoni	Optimizing functional operation in manufacturing control
5,710,730	R. M. Smith	Divide to integer
5,710,731	J. A. Silberman, M. K. Ciraula, and S. H. Dhong	Combined adder and decoder digital circuit
5,710,742	E. L. Carter, M. H. Lee, M. R. Ouellette, and R. P. Gregor	High density two port SRAM cell for low voltage CMOS applications
5,710,892	D. Thygesen and K. J. Goodnow	System and method for asynchronous dual bus conversation using double state machines
5,710,897	I. H. Schneider	Customizable device pointers for use in a graphical user interface
5,710,909	J. D. Brown, K. H. Haselhorst, L. W. Loen, M. J. Corrigan, and S. D. Clark	Data compression utilization method and apparatus for a computer main store
5,710,917	G. Godoy and M. A. Musa	Method for deriving data mappings and data aliases
5,710,918	K. Lagarde and R. M. Rogers	A method for distributed task fulfillment of web browser requests
5,710,933	A. E. Seigler and P. J. Meaney	System resource enable apparatus
5,710,935	C. A. Collins, D. Kuchinski, D. B. Rolfe, D. G. Grice, D. M. Lesmeister, D. S. Wehrly, E. E. Retter, J. R. Stupp, J. W. Dieffenderfer, M. C. Dapp, N. J. Schoonover, P. A. Wilkinson, P. M. Kogge, R. E. Miles, R. E. Nier, R. R. Richardson, T. N. Barker, V. J. Smoral, and W. J. Knowles	Advanced parallel array processor (APAP)
5,710,936	A. E. Seigler and P. J. Meaney	System resource conflict resolution method
5,711,064	D. S. Husky, J. Lee, and J. A. Koski	Head to tape alignment without tape guide
5,711,858	J. G. Ryan, R. Kontra, T. Licata, and T. D. Sullivan	Process for depositing a conductive thin film upon an integrated circuit substrate

5,712,078	C. A. Whiting, H. G. Linde, and W. S. Huang	High contrast photoresists comprising acid sensitive crosslinked polymeric resins
5,712,190	C. L. Bertin, D. J. Perlman, and J. E. Cronin	Process for controlling distance between integrated circuit chips in an electronic module
5,712,192	D. M. Waits, R. D. Sebesta, and R. L. Lewis	Process for connecting an electrical device to a circuit substrate
5,712,463	C. K. Lee, D. Krajnovich, G. Singh, P. Alexopoulos, S. P. Arya, and T. O'Sullivan	Laser apparatus and method for adjusting the gram load static attitude and flying height of a slider in a head suspension assembly
5,712,488	C. F. Robinson and W. Stickel	Electron beam performance measurement system and method thereof
5,712,491	A. Palevski, C. P. Umbach, and M. Heiblum	Lateral theta device
5,712,527	M. D. Potter	Multi-chromic lateral field emission devices with associated displays and methods of fabrication
5,712,580	M. J. Paschal and S. J. Baumgartner	Linear phase detector for half-speed quadrature clocking architecture
5,712,583	R. F. Frankeny	Clock phase alignment using frequency comparison
5,712,702	C. Waskiewicz, J. G. Ryan, M. J. Shapiro, and V. McGahay	Method and apparatus for determining chamber cleaning end point
5,712,707	C. P. Ausschnitt and W. A. Muth	Edge overlay measurement target for sub-0.5 micron ground rules
5,712,747	A. J. Wallash and S. H. Voldman	Thin film slider with on-board multi-layer integrated circuit
5,712,759	A. Grill, D. E. Kotecki, J. H. Comfort, and K. L. Saenger	Sidewall capacitor with L-shaped dielectric
5,712,761	D. Herring, E. N. Dials, L. Hodges, and S. Luglan	Raise/support assembly for a media console of a split system personal computer
5,712,790	G. S. Ditlow and P. D. Kartschoke	Method and power reduction in PLA's
5,712,806	E. Hennenhoefler and J. H. Raymond	Optimized multiplexer structure for emulation systems
5,712,825	D. E. Douse, K. R. White, and S. J. Hadderman	Maintaining data integrity in DRAM while varying operating voltages
5,712,856	D. W. Finney and M. Rayfield	Method and apparatus for testing links between network switches
5,712,973	J. P. McGovern, P. E. Newman, and R. A. Dayan	Wireless proximity containment security feature
5,712,976	A. Saxena and L. Falcon, Jr.	Video data streamer for simultaneously conveying same one or different ones of data blocks stored in storage node to each of plurality of communication nodes
5,712,994	K. A. Lock and K. J. Jefferson	Method and system for apparent direct editing of transient graphic elements within a data processing system
5,713,001	J. Phillips and R. J. Eberhard	Circuit for converting address operands supplied by a program to hashed virtual address
5,713,015	B. Iyer and P. Goel	Reordering of complex SQL queries involving GROUPBYs, joins, outer joins and full outer joins
5,713,017	D. H. Lin, S. B. Shi, and Y. Wei	Dual counter consistency control for fault tolerant network file servers
5,713,029	J. M. Kaiser and W. E. Maule	Information handling system including doze mode control
5,713,035	B. W. Krumm, C. F. Webb, J. S. Liptay, M. S. Farrell, and S. Q. Ying	Linking program access register number with millicode operand access
5,713,037	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Slide bus communication functions for SIMD/MIMD array processors
5,713,043	A. P. Stephens and M. J. Baugher	Method and system in a data processing system for efficient determination of quality of service parameters
5,713,122	E. V. Denison, J. A. Aboaf, and V. N. Kahwaty	Hard-film stabilized soft-film biased magnetoresistive sensor with an alumina under layer pattern for improved longitudinal servo-positioning linearity and stability
5,713,127	I. I. Chobot, R. A. Martone, and T. B. Youngs, Jr.	Non-annular lands
5,713,508	C. G. Woychik, G. M. Phelan, K. I. Papathomas, and M. A. Gaynes	Stabilization of conductive adhesive by metallurgical bonding
5,713,670	M. Goldowsky	Self pressurizing journal bearing assembly
5,713,690	C. N. Ramirez and J. S. Corbin	Apparatus for attaching heatsinks
5,714,039	C. L. Bertin, J. A. Mandelman, J. M. Leas, and K. E. Beilstein	Method for making sub-lithographic images by etching the intersection of two spacers
5,714,102	A. W. Mueller, E. A. Highum, E. E. Stadler, S. M. Thorvilson, and T. W. Nash	Method for manufacturing electro-magnetic shield having multiple polymeric layers of differing fill compositions
5,714,766	S. Tiwari, T. P. Smith, and W. Chen	Nano-structure memory device
5,714,777	B. S. Meyerson and K. E. Ismail	Si/SiGe vertical junction field effect transistor
5,714,791	C. C. Chi, C. C. Tsuei, and R. P. Huebener	On-chip Peltier cooling devices on a micromachined membrane structure

5,714,798	D. Harmon, J. F. Rembetski, M. Armacost, S. Grundon, and S. V. Nguyen	Selective Deposition Process
5,714,809	R. M. Clemo	Soft switching circuit with current-mode control
5,714,838	R. Haight and R. R. Troutman	Optically transparent diffusion barrier and top electrode in organic light emitting diode structures
5,715,064	B. J. Lin	Step and repeat apparatus having enhanced accuracy and increased throughput
5,715,081	A. E. Rosenbluth, J. C. Chastang, and K. B. Kirtley	Improved oblique microscope system
5,715,120	H. S. Gill	Magnetoresistance sensor with enhanced magnetoresistive effect
5,715,144	J. Funari and J. G. Ameen	Multi-layer, multi-chip pyramid and circuit board structure
5,715,176	A. M. Mobini	Method and system for locating a frame position in an MPEG data stream
5,715,188	A. L. Roberts, J. J. Covino, J. R. Sousa, and R. C. Flaker	Method and apparatus for parallel addressing of CAMs and RAMs
5,715,198	D. A. Evans and G. M. Bracer	Output latching circuit for static memory devices
5,715,207	T. M. Cowell	Memory presence and type detection using multiplexed memory line function
5,715,216	C. H. Dang and C. T. Dang	Data storage apparatus having a columnar array of storage receptacles that also are input/output and a data device at one end of the columnar array
5,715,391	A. J. Hoane and R. D. Jackson	Modular and infinitely extendable three dimensional torus packaging scheme for parallel processing
5,715,392	C. M. Ansberry and T. W. Fuqua	Method for managing visual type compatibility in a conferencing network system having heterogeneous hardware
5,715,395	J. C. Fletcher and R. F. Brabson	Method and apparatus for reducing network resource location traffic in a network
5,715,400	J. A. Reimer and R. A. Reinsch	system and method for providing merchant information and establishing links to merchants while presenting a movie
5,715,413	C. Kello, L. Kozakov, M. Keren, R. Kirchhofer, Y. Ishai, and Z. Yehudai	Dragging and dropping with an instantiation object
5,715,420	J. A. Kahle, A. J. Loper, A. D. Ogden, J. V. Sell, and G. I. Limes	Method and system for efficient memory management in a data processing system utilizing a dual mode translation lookaside buffer
5,715,424	J. E. Kulakowski, L. G. Jesionowski, and R. J. Means	Apparatus and method for writing data onto rewritable optical media
5,715,427	D. D. Barrera, B. Rastegar, and P. C. Rossbach	Semi-associative cache with MRU/LRU replacement
5,715,438	E. Silha	System and method for providing time base adjustment
5,715,453	G. G. Stewart	Web server mechanism for processing function calls for dynamic data queries in a web page
5,715,455	D. Medina, J. F. Macon, and M. Peloquin	Apparatus and method for storing file allocation table efficiently in memory
5,715,456	C. A. Bennett and S. Kulkarni	Method and apparatus for booting a computer system without pre-installing an operating system
5,715,459	J. Celi, Jr., J. M. Wagner, and R. Louie	Advanced graphics driver architecture
5,715,460	A. R. Martin, L. E. Acker, and M. H. Conner	Template based facility for formatting compiler output
5,715,463	C. M. Merkin	Installation utility for device drivers and utility programs
5,715,464	D. T. Crump, L. Steelman, M. Schibilla, and S. Pancoast	Computer system having suspend once resume many sessions
5,715,472	A. E. Seigler and P. J. Meaney	System resource enable method
5,715,595	J. A. Stubeck, S. J. Kman, and W. R. Sondej	Method of forming a pinned module
5,715,610	D. A. Lord and W. Smith	Programmable method and apparatus for cleaning semiconductor elements
5,716,486	C. R. Guarnieri, G. S. Selwyn, G. W. Rubloff, J. J. McGill, M. Dalvie, and M. Surendra	Method and apparatus for tuning field for plasma processing using corrected electrode
5,716,742	S. K. Doran	Real time alignment system for a projection electron beam lithographic system
5,716,763	C. A. Whiting, D. E. Benoit, D. M. Puisto, and H. G. Linde	Liquid immersion heating process for substrate temperature uniformity
5,717,218	H. Coufal and R. K. Grygier	Focal plane phase-shifting lithography
5,717,344	G. S. Ditlow and P. Kartschoke	PLA late signal circuitry using a specialized gap cell and PLA late signal circuitry using switched output
5,717,346	B. A. Worth, F. Furtak, F. R. Keyser, S. W. Gould, and T. Zitttrisch	Programmable array clock/reset resource
5,717,355	D. E. Martin	Method and apparatus with active feedback for shifting the voltage level of a signal

5,717,438	D. Tunkelang, J. Song, and M. Y. Kim	Multimedia document using time box diagrams
5,717,468	M. F. Baryla	Digital video interactive commenting system
5,717,538	J. Hong, K. K. Chew, and W. L. Cheung	Asynchronous position error signal detector employing weighted accumulation for use in servo system
5,717,545	N. K. Frater, O. Ruiz, and W. W. Brooks, Jr.	Swaging apparatus with a tubular boss having axially extending surface irregularities and swaging technique for thin actuator arm assemblies
5,717,587	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
5,717,628	E. N. Hammerl and H. Ho	Nitride cap formation in a DRAM trench capacitor
5,717,635	H. Akatsu	High density EEPROM for solid state file
5,717,644	D. E. Douse, K. R. White, and S. J. Hadderman	Apparatus for varying the refresh rate for a DRAM in response to variation in operating voltages and method thereof
5,717,648	A. Davis and D. W. Milton	Fully integrated cache architecture
5,717,701	F. W. Angelotti and S. M. Douskey	Apparatus and method for testing interconnections between semiconductor devices
5,717,756	D. A. Coleman	System and method for providing masquerade protection in a computer network using hardware and timestamp-specific single use key
5,717,835	J. L. Hellerstein	Simple approach to case-based reasoning for data navigation tasks
5,717,849	J. T. Brady	System and procedure for early detection of a fault in a chained series of control blocks
5,717,850	A. B. Johnson, J. T. Brady, N. Apperley, and S. D. Gerdt	Efficient system for predicting and processing storage subsystem failure
5,717,853	F. E. Levine and S. R. Deshpande	Information handling system having router including first mode for configuring itself, second mode for configuring its connected devices and third mode for system operation
5,717,855	S. B. Schrum, Jr. and V. R. Norman	Segmented communications adapter with packet transfer interface
5,717,862	D. W. Finney, J. T. Brady, M. Rayfield, M. A. Ko, N. Annareddy, and R. F. Freitas	Method and system for message status reporting in a multi-node network
5,717,876	P. G. Robertson	Method for avoiding livelock on bus bridge receiving multiple requests
5,717,888	J. S. Hyde, S. K. Candelaria, and V. J. Legvold	Accessing cached data in a peripheral disk data storage system using a directory having track and cylinder directory entries
5,717,893	R. L. Mattson	Partitioned cache for cache memory management
5,717,922	J. R. Sampson and R. H. Hohensee	Logical links for final form document
5,717,925	J. Labrie and L. N. Harper	Information catalog system with object-dependent functionality
5,717,926	L. M. Browning, O. A. D. Cremel, and J. S. Peek	Efficient forking of a process
5,717,943	C. A. Collins, D. Kuchinski, D. B. Rolfe, D. G. Grice, D. M. Lesmeister, D. S. Wehrly, E. E. Retter, J. R. Stupp, J. W. Dieffenderfer, M. C. Dapp, N. J. Schoonover, P. A. Wilkinson, P. M. Kogge, R. E. Miles, R. E. Nier, R. R. Richardson, T. N. Barker, V. J. Smoral, and W. J. Knowles	Advanced parallel array processor (APAP)
5,717,944	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Autonomous SIMD/MIMD processor memory elements
5,718,040	L. H. Faure and T. W. Spoor	Spring probe with piloted and headed contact and method of tip formation
5,718,361	C. J. Braun and J. Covell	Apparatus and method for forming mold for metallic material
5,718,367	C. J. Braun and J. Covell	Mold transfer apparatus and method
5,719,070	A. Wirsing, H. C. Cook, P. A. Farrar, R. M. Geffken, and W. T. Motsiff	Metallization composite having nickel intermediate/interface
5,719,080	D. Kenney	Semiconductor trench capacitor cell having a buried strap
5,719,090	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
5,719,438	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 monolithicelectronic module's surface and associated module packaging
5,719,443	G. Messina	Adjustable spacer for flat cooling applications
5,719,505	G. S. Ditlow and P. D. Kartschoke	Reduced power PLA
5,719,509	F. H. Chan	Method of controlling transmission of binary pulses on a transmission line
5,719,523	E. S. Schlig	Threshold correcting reference voltage generator
5,719,594	B. Potu	Method and system in a data processing system for improved video image resolution when enlarging a video sequence
5,719,632	D. T. Hoang and E. Linzer	Motion video compression system with buffer empty/fill look-ahead bit allocation

5,719,690	D. M. Burland and R. Twieg	Photorefractive glass article
5,719,745	D. Agonafer, G. M. Chrysler, R. C. Chu, and T. M. Anderson	Extended surface cooling for chip stack applications
5,719,851	Y. S. Yen	Optical data storage cartridge system
5,719,864	B. A. Youngman, R. L. Badger, and V. R. Norman	Logical channel resolution in asynchronous transmission mode (ATM) communication systems
5,719,879	C. J. Rebeor, D. A. Miller, J. T. Trinko-Mechler, M. Noack, P. S. Gillis, R. Kolagotla, S. F. Oakland, and T. G. Sopchak	Scan-bypass architecture without additional external latches
5,719,889	J. A. Iadanza	Programmable parity checking and comparison circuit
5,719,964	E. Feig and E. Linzer	Array processing with fused multiply/add instruction
5,720,007	A. Hekmatpour	Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications
5,720,020	A. D. Bowen, D. Tannenbaum, and J. Spencer	Hardware based graphics workstation solution for refraction phenomena
5,720,029	C. W. Mikkelsen, R. Shomler, R. F. Kern, R. K. Treiber, W. F. Micka, and W. K. Stanley	Asynchronous remote copy session recovery following system or DASD subsystem failure
5,721,144	C. M. Hsieh, L. Hsu, S. Ratanaphanyarat, and S. F. Chu	Modular MOSFETs for high aspect ratio applications
5,721,299	A. Afzali, J. A. Dickerson, J. D. Gelorme, J. M. Shaw, K. J. Puttlitz, M. Angelopoulos, and T. B. Pillsbury	Electrically conductive and abrasion/scratch resistant polymeric materials, method of fabrication thereof and uses thereof
5,721,448	M. Hauf, M. Levy, and V. R. Nastasi	Integrated circuit chip having isolation trenches composed of a dielectric layer with oxidation catalyst material
5,721,457	A. Sharma, J. Tahliani, K. Kawabata, M. Sri-Jayantha, and V. D. Khanna	Shock isolation system with write inhibit
5,721,458	D. J. Kearney, D. N. Ayd, and S. J. Ahladas	Single phase or three phase field configurable power assembly
5,721,485	H. J. Shin, L. L. Hsu, S. Ratanaphanyarat, and T. Kiriata	High-performance on-chip voltage regulator designs
5,721,602	C. Narayan, E. Colgan, K. H. Yang, L. Shi, L. S. Mok, R. L. Melcher, and T. M. Cipolla	Mechanical packaging and thermal management of flat mirror arrays
5,721,815	G. J. Smith, G. W. VanLeeuwen, and H. H. Ottesen	Media-on-demand communication system and method employing direct access storage device
5,721,820	B. Abali and C. B. Stunkel	System for adaptively routing data in switching network wherein source node generates routing message identifying one or more routes from switch selects
5,721,849	H. Y. Amro	Method, memory and apparatus for postponing transference of focus to a newly opened window
5,721,851	R. L. Poston, S. H. Isensee, and T. L. Cline	Transient link indicators in image maps
5,721,854	K. Ebcioglu and R. D. Groves	Method and apparatus for dynamic conversion of computer instructions
5,721,858	G. J. McWilliams, J. W. Kemp, and S. W. White	Virtual memory mapping method and system for memory management of pools of logical partitions for bat and TLB entries in a data processing system
5,721,863	A. L. Roberts, J. J. Covino, J. R. Sousa, and R. C. Flaker	Method and structure for accessing semi-associative cache memory using multiple memories to store different components of the address
5,721,864	E. Nangia, K. A. Chiarot, M. J. Mayfield, and M. J. Peterson	Prefetching instructions between caches
5,721,867	B. M. Kuttanna, S. Park, and R. B. Patel	Method and apparatus for executing single beat write store instructions during a cache store linefill operation
5,721,874	G. S. Delp and M. J. Carnevale	Configurable cache with variable, dynamically addressable line sizes
5,721,878	G. J. Smith, G. W. VanLeeuwen, and H. H. Ottesen	Multimedia control system and method for controlling multimedia program presentation
5,721,880	A. B. McNeill and E. I. Wachtel	Small computer system interface for non-local SCSI devices
5,721,891	C. S. Murray and S. R. Long	Detection of N length bit serial communication stream
5,721,898	B. C. Beardsley, J. S. Hyde, L. C. Blount, M. T. Benhase, and S. K. Candelaria	Method and system for data search in a data processing system
5,721,900	K. R. Banning, S. G. Li, and W. S. James	Graphical user interface for database information
5,721,901	K. R. Banning, S. G. Li, and W. S. James	Method and apparatus for displaying a dialog box enabling user selections from a database
5,721,908	K. Lagarde and R. M. Rogers	Computer network for WWW server data access over internet
5,721,911	D. P. Salinero, J. Labrie, and K. D. Ha	Mechanism for metadata users to link grouping and elemental metadata objects from a metadata model

5,721,915	G. Sockut and T. A. Beavin	Interaction between application of a log and maintenance of a table that maps record identifiers during online reorganization of a database
5,721,943	V. M. Johnson	Negotiable locks for concurrent access of control data by multiple programs
5,721,953	M. Sweet and R. G. Fogg, Jr.	interface for logic simulation using parallel bus for concurrent transfers and having FIFO buffers for sending data to receiving units when ready
5,721,957	A. R. Roberts, D. A. Evans, D. M. Svetlecic, and L. P. Huang	Method and system for storing data in cache and retrieving data from cache in a selected one of multiple data formats
5,722,579	A. G. Merryman, B. W. Leenstra, G. S. Boettcher, J. P. Wood, K. Kelly, R. Yu, T. Biruk, and W. Brearley	Bottom-surface-metallurgy rework process in ceramic modules
5,722,879	J. E. Cronin and M. J. Rutten	Variable travel carrier device and method for planarizing semiconductor wafers
5,723,062	K. L. Covert, K. W. Semkow, and L. J. Smith-Jimarez	Selective etching of nickel/iron alloys
5,723,339	J. J. Konrad and R. A. Sinicki	Method of analyzing gold electroplating solutions for arsenic(III)
5,723,370	B. S. Wu and T. H. Ning	FET and/or bipolar devices formed in thin vertical silicon on insulator (SOI) structures
5,723,874	A. McGuire, D. Brooks, F. D. Baker, R. Nadeau, and R. K. Leidy	Dishing and erosion monitor structure for damascene metal processing
5,723,898	D. Gilmour, D. C. Thomas, E. G. Walton, R. R. Uttecht, and T. Hartswick	Array protection devices and method
5,723,905	D. L. Edwards, H. T. Toy, P. A. Coico, R. A. Sherif, and S. Farooq	Semiconductor package with low strain seal
5,724,008	C. J. Masenas, Jr., F. D. Ferraiolo, and J. Gersbach	Phase-locked loop with charge distribution
5,724,026	J. M. Allen	Multiple output level power supply with overpower detection circuit
5,724,065	D. Y. Chang and S. G. Li	Float to surface display
5,724,079	E. F. Helinski, H. C. Lee, and J. L. Zable	Combined black and color ink jet printing
5,724,144	K. Okumura, K. P. Muller, and T. G. Van Kessel	Process monitoring and thickness measurement from the back side of a semiconductor body
5,724,230	S. E. Poetzing	Flexible laminate module including spacers embedded in an adhesive
5,724,232	A. Bhatt, J. A. Knight, S. D. Desai, and T. P. Duffy	Chip carrier having an organic photopatternable material and a metal substrate
5,724,249	S. A. Shah and V. R. Kodali	System and method for power management in self-resetting CMOS circuitry
5,724,253	J. F. Skovira	System and method for searching data vectors such as genomes for specified template vector
5,724,256	I. I. Novof, J. K. Lee, and J. L. Lentz	Computer controlled olfactory mixer and dispenser for use in multimedia computer applications
5,724,295	C. E. Drake, M. Beiley, and T. Obremski	Implementation of redundancy in a partitioned dynamic memory
5,724,449	L. D. Comerford	Stroke syntax input device
5,724,488	R. Prezioso	Fuzzy logic entity behavior profiler
5,724,502	C. A. Cherrchett, D. R. Stauffer, and P. S. Colyer	Test mode matrix circuit for an embedded microprocessor core
5,724,504	A. Aharon, A. Gluska, L. Fournier, Y. Lichtenstein, and Y. Malka	Method for measuring architectural test coverage for design verification and building conformal test
5,724,516	L. Temoshenko	Network management with acquisition of formatted dump data from remote process
5,724,517	A. B. McNeill and S. E. Cook	Method for generating topology map for a serial bus
5,724,528	A. Kulik, D. Cronin, and W. A. Wall	A PCI/ISA bridge having an arrangement for responding to PCI address parity errors for internal PCI slaves in the PCI/ISA bridge
5,724,551	J. T. Rodell, P. G. Greenstein, and R. R. Guyette	Method for managing I/O buffers in shared storage by structuring buffer table having entries include storage keys for controlling accesses to the buffers
5,724,559	T. L. Masemore	Method for displaying ISPF panels in a VM non-ISPF environment
5,724,560	C. R. Johns and J. Roberson	Display graphics adapter for processing different pixel sizes in a windowing system
5,724,564	J. A. Grantz, R. M. Smith, R. O. Conder, S. A. Plaetzer, and W. N. Tindall	Method and system for representing and signaling run-time program conditions
5,724,565	C. R. Moore, P. K. Dubey, and T. M. Potter	Method and system for processing first and second sets of instructions by first and second types of processing systems
5,724,572	H. I. Linzer, J. N. Dieffenderfer, and T. A. Sartorius	Method and apparatus for processing null terminated character strings

5,724,573	R. Agrawal and R. Srikant	Method and system for mining quantitative association rules in large relational tables
5,724,583	D. E. Carmon, M. S. Ware, and W. G. Crouse	System for handling requests for DMA data transfers between a host processor and a digital signal processor
5,724,587	D. E. Carmon, M. S. Ware, and W. G. Crouse	System for controlling task execution in a host processor based upon the maximum DMA resources available to a digital signal pro
5,724,606	B. Kafindorf, G. K. Stephan, M. Trass, and P. Stevens	Extended peripheral bus with bidirectional transmission
5,724,646	A. Ruiz, A. G. Ganek, B. E. Willner, and L. Herzberg	Fixed video-on-demand
5,724,729	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
5,725,347	M. Hanscn	Carousel pin stacker
5,725,668	A. Viehbeck, E. Foster, J. C. Hedrick, and S. L. Tisdale	Expandable fluid treatment device for tubular surface treatments
5,726,079	E. A. Johnson	Thermally enhanced flip chip package and method of forming
5,726,095	W. P. Noble	Method of making MOSFET device having controlled parasitic isolation threshold
5,726,099	M. Jaso	Method of chemically polishing an electronic component
5,726,211	D. Y. Shih, J. Hilborn, J. C. Hedrick, J. L. Hedrick, R. D. Miller, and Y. H. Liao	Process for making a foamed elastomeric polymer
5,726,498	J. A. Mandelman and T. Licata	Wire shape conferring reduced crosstalk and formation methods
5,726,568	C. D. Setzer, D. C. Long, K. F. Stroms, M. LaPlante, and W. D. Carbaugh	Magneto-repulsion punching with dynamic damping
5,726,573	T. T. Do and Z. X. Chen	Test Circuit for back-up battery with protection during test mode
5,726,589	J. J. Cahill and R. R. Williams	Off-chip driver circuit with reduced hot-electron degradation
5,726,592	D. Schulte and J. D. Strom	Self biased low-voltage differential signal detector
5,726,834	B. L. Rappel, E. A. Eckberg, and G. D. Malagrino, Jr.	Actuator for servo actuated tape drive
5,726,922	F. A. Kuchar, Jr., J. H. Neer, J. R. Dewitt, and J. S. Womble	Assembly for removably connecting data storage devices
5,727,129	D. C. Kellem, P. P. Maglio, and R. C. Barrett	Network system for profiling and actively facilitating user activities
5,727,142	S. Chen	A method for a non-disruptive host connection switch after detection of an error condition or during a host outage or failure
5,727,144	J. M. Menon and J. T. Brady	Failure prediction for disk arrays
5,727,167	C. G. Wright, E. H. Welbon, F. E. Levine, and H. Dwyer III	Thresholding support in performance monitoring
5,727,171	R. N. Iachetta	Method and apparatus for increasing synchronous bus speed while maintaining compatibility
5,727,174	M. Aparicio and R. A. Chang	Graphical end-user interface for intelligent assistants
5,727,180	A. Davis and D. W. Milton	Memory including master and local word lines coupled to memory cells storing access information
5,727,181	D. W. Dewey, K. F. Day, and T. W. Beglin	Array management system with volume transform filter
5,727,199	M. S. Chen and P. S. Yu	Database mining using multi-predicate classifiers
5,727,210	C. Dwork, H. R. Strong, and J. Halpern	Fault tolerant load management system and method
5,727,212	C. A. Dinallo	Object oriented device driver system for procedural device drivers
5,727,220	B. G. Platte, D. E. Stone, D. R. Palmer, R. D. Parrish, R. H. Hohensee, and S. M. Scott	Method and system for caching and referencing cached document pages utilizing a presentation data stream
5,727,226	A. Vardy, G. T. Sincerbox, M. Blaum, and P. H. Siegel	Method and apparatus for modulation of multi-dimensional data in holographic storage
5,727,231	D. O. Lewis, D. R. Cecchi, G. K. Bartley, G. W. Sellers, J. A. Collett, and L. S. Herman	Method for personalizing integrated circuit devices
5,728,222	A. Kostenko, D. L. Wilson, J. Wong, N. Sarma, R. Conti, S. Zuhoski, and S. G. Barbee	Apparatus for chemical vapor deposition of aluminum oxide
5,728,606	E. H. Laine and J. W. Wilson	Electronic package
5,729,026	B. D. Terris, D. Rugar, H. J. Mamin, and R. P. Ried	Atomic force microscope system with angled cantilever having integral in-plane tip
5,729,039	C. M. Hsieh, K. D. Beyer, L. Hsu, and T. N. Buti	SOI transistor having a self-aligned body contact
5,729,043	J. F. Shepard and P. A. Ronsheim	Shallow trench isolation with self aligned PSG layer
5,729,052	D. Chidambarrao, J. Zalesinski, J. A. Mandelman, S. V. Nguyen, T. Furukawa, and W. R. Tonti	Integrated ULSI heatsink