

Recent IBM patents

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

Canada

2,058,363	C. R. Meadowcroft and E. Labadie	Method for decoding compressed images
2,095,452	E. A. Merks, J. Jones, J. L. Jones, J. W. Edwards, M. L. Black, P. J. Beaudet, and R. Spall	Dynamic hierarchical selection menu
2,107,299	M. Yasrebi	High-performance machine for switched communications in a heterogeneous data processing network gateway

France

544,964	G. Bardet, J. F. Le Pennec, P. Michel, and P. Therias	Store-and-forward apparatus having HDLC deserializing and serializing means, a shared storage, processing and DMA means
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Germany

706,699	G. Klepser	Method for resetting a barred pin number or barred identification word
4,212,900.1	L. Fischer, M. E. Nitschke, P. Schmidt, U. Hengstler, and W. Mannsdoerfer	Feeding device for items to be moved
4,307,139.2	B. Kurz, B. Withlem, H. W. Tast, K. J. Getzlaff, U. Wille, and W. Fischer	Serializing bus grants in a multiprocessor system
4,421,843.5	J. Sykora	Device and method for removing particles from object's surface
9,609,329.3	J. Burkhardt, L. Fischer, U. Bussman, and W. Fischer	Dual card reader
19,529,454.8	H. Horbach and W. Fischer	Data input by means of a keyboard and a touch-sensitive graphical data input field

Japan

925,934-1	H. Shima and K. Yamazaki	Industrial design of multimedia PC
925,934-2	H. Shima and K. Yamazaki	Industrial design of multimedia PC
978,781	N. Mieki	Battery charger
978,782	T. Takahashi	Industrial design of quick charger for ThinkPad
980,765	K. Yamazaki	Pocket PC
980,766	K. Yamazaki and N. Mieki	Personal computer
980,769	H. Shima and K. Yamazaki	Industrial design portable PC
980,773	K. Yamazaki	Palmtop PC
980,779	H. Shima, K. Nakada, and K. Yamazaki	Industrial design for portable PC
2,596,692	M. Teruya and Y. Saitoh	Direct view-type display device by polymer liquid crystal
2,596,695	K. Ohsaki	EEPROM cell structure by standard CMOS process
2,596,702	K. Katoh, K. Yonemochi, M. Suzuki, and Y. Uchiyama	Multifunctional security system

2,597,457	K. Mizoguchi, T. Morita, and Y. Miwa	Keyboard emulator
2,598,858	S. Fukuzumi and S. Kawada	Switching method for font width control
2,601,932	Y. Kaida	ITO single-layer black matrix for active matrix LCD
2,601,974	I. Narita, K. Suzuki, N. Tsurukawa, and T. Mito	Battery charging system with mode-selectable CVVCCC AD/DC adaptor
2,601,999	H. Ando, Y. Fukudome, and Y. Harada	Stainless steel fiber filter for humidity control
2,602,786	K. Matsunaga	Thin connector for RJ11
2,603,445	K. Miyata and M. Kurokawa	A hair style fitting method by using image morphing operation
2,603,902	K. Shimada	Automated triangulation of 3D non-manifold geometry
2,604,954	H. Katoh, M. Harahata, and S. Sugita	Resolution convertible matrix printer
2,604,983	K. Iwano, S. Misono, and S. Tezuka	Method of scheduling step drills
2,610,102	M. K. Kanamaru M., O. Watanuki, and S. Ota	Reservoir structure for SKI liquid crystal contact recording
Switzerland		
510,290	E. A. Zurfluh, H. R. Vanas, and W. Lemppenau	Collision-free insertion and removal of circuit-switched channels in a packet-switched transmission structure
592,746	R. F. Broom	Encapsulated light-emitting diode and method for encapsulating the same
711,410	B. Reihl, C. H. Gerber, J. K. Gimzewski, and R. R. Schlittler	Calorimetric sensor
United Kingdom		
402,542	A. J. Tyrrell and S. D. Borman	Method of removing uncommitted changes made to stored data by a database management system
537,397	D. C. Conway-Jones and P. M. Smith	Adaptive FIFO memory controller
555,569	D. C. Conway-Jones, D. J. Brown, P. M. Smith, and T. W. Rickard	Signal processing apparatus
574,630	E. Griffiths	Windowing display system
2,060,300	J. Tierney and M. Oates	Data processing unit
United States		
5,602,754	H. J. Beatty, I. Pramanick, P. Elmendorf, and R. Gillis	Parallel execution of a complex task partitioned into a plurality of entities
5,602,768	J. H. Goncalves and W. Cunto Pucci	Method and apparatus for reducing the processing time required to solve square root problems
5,602,788	J. D. Chickanosky and R. L. Barry	Read-only memory having localized reference bit lines
5,602,806	B. I. Finkelstein, D. E. Call, E. E. Marinero, G. A. Jaquette, and P. C. Arnett	Direct overwrite magneto-optical apparatus and method
5,602,814	A. Mojica and G. A. Jaquette	Calibrating optical disk lasers using a minimal amount of write-once data storage space
5,602,820	F. Zenhausern and H. K. Wickramasinghe	Method and apparatus for mass data storage
5,602,839	D. W. Finney, J. T. Brady, and N. Annapareddy	Adaptive and dynamic message routing system for multinode wormhole networks
5,602,848	B. D. Mandalia, G. T. Davis, J. C. Sinibaldi, L. House, L. P. Andrews, L. V. Marks, and W. R. Robinson	Multimode TDM interface circuit
5,602,873	N. J. Lee, P. Balasubramaniam, and S. Lekuch	Flash NRZ1 infrared modem
5,603,011	W. J. Piazza	Selective shadowing and paging in computer memory systems
5,603,019	W. Kish	A takeover technique for networked virtual file systems
5,603,024	R. D. Goldring	Lossless distribution of time series data in a relational data base network
5,603,029	C. L. Cotner, D. Dillenberger, D. B. Emmes, and J. D. Aman	Algorithm for short-term routing of work related to a set of related servers
5,603,034	S. Swanson	Graphical resource editor for software customization
5,603,038	D. T. Crump, J. S. Bartlett, P. H. Benson, and S. Pancoast	Automatic restoration of user options after power loss
5,603,041	G. D. Carpenter and M. E. Dean	Method and system for reading from an M-byte memory utilizing a processor having an N-byte data bus
5,603,057	C. R. Moore, R. J. Reese, and Y. Baumgartner	System for initiating data transfer between input/output devices having separate address spaces in accordance with initializing information
5,603,156	A. J. Wallash, C. Inouye, D. J. Seagle, G. A. Garfunkel, R. G. Biskeborn, R. O. Barr, and S. J. Lewis	Lapping process for minimizing shorts and element recession at magnetic head air-bearing surface

5,603,649	S. M. Zimmerman	Structure and method of making field emission displays
5,603,988	B. C. Hui, J. D. Chapple-Sokol, K. Holloway, M. J. Shapiro, P. Seidler, R. Conti, and R. Kanjolia	Method for depositing a titanium or tantalum nitride or nitride silicide
5,604,073	A. F. Renaldo, D. J. Werner, and M. T. Krounbi	AZO dyes as adhesion promotion additive in polydimethylglutarimide
5,604,277	D. C. Linnell, K. A. Lidestri, R. A. Jackson, R. N. Master, and W. E. Sablinski	Hot vacuum device removal process and apparatus
5,604,368	H. P. Wong and Y. Taur	Self-aligned double-gate MOSFET by selective lateral epitaxy
5,604,377	A. M. Palagonia	Semiconductor chip high-density packaging
5,604,399	J. A. Mandelman and M. D. Potter	Optimal gate control design and fabrication method for lateral field emission devices
5,604,445	K. V. Desai, M. S. Patel, and S. Sathe	Apparatus, and corresponding method, for stress testing semiconductor chips
5,604,465	M. J. Farabaugh	Adaptive self-calibration for fast-tuning phase-lock loops
5,604,466	D. M. Dreps and R. P. Rizzo	On-chip voltage controlled oscillator
5,604,490	D. B. Scheer, G. R. Blakley III, I. M. Milman, J. H. Wilson, L. B. Hickerson, and R. S. Gittins	Method and system for providing a user access to multiple secured subsystems
5,604,514	S. M. Hancock	Personal computer with combined graphics/image display system having pixel mode frame buffer interpretation
5,604,518	G. Schroer, R. C. Flaker, R. M. West, and T. Williams	Memory structure with multiple integrated memory array portions
5,604,544	R. L. Bertram	Video receiver display of cursor overlaying video
5,604,601	A. Edgar and S. C. Penn	Reference grid rectilinear correction
5,604,649	M. A. Hernandez	Disk-drive system having a novel head gimbal assembly
5,604,665	G. M. Chrysler, R. C. Chu, and R. M. Koenig	Multiple parallel impingement flow cooling with tuning
5,604,742	A. A. Smith, M. Colmant, and W. A. McIntosh	Communications system and method for efficient management of bandwidth in a FDDI station
5,604,754	D. B. Ruth, J. C. Pescatore, and R. C. Itskin	Validating the synchronization of lock-step operated circuits
5,604,755	C. E. Drake, C. L. Bertin, E. L. Hedberg, and J. A. Fifield	Memory system reset circuit
5,604,801	C. J. Holloway, G. M. Dolan, and S. M. Matyas	Data communication system
5,604,831	E. Dittmann and M. K. Saraiya	Optical module with fluxless laser reflow soldered joints
5,604,832	H. C. Wang, R. Lane, and S. A. Hall	Method and apparatus for batch, active alignment of laser arrays to fiber arrays
5,604,858	K. A. Lock and K. J. Jefferson	Method and system for apparent direct editing of fixed display elements within a data processing system
5,604,861	D. J. Kahl, P. Scannell, R. J. Torres, and T. B. Douglas	Method and apparatus for improved notebook control in a data processing system
5,604,863	D. H. Surman, J. Anaya, J. Kleewein, J. M. Nick, K. B. Pushong, L. M. Goetze, M. D. Swanson, R. Parrish, R. A. Allen, and R. L. Brockmeyer	Method for coordinating executing programs in a processing system
5,604,879	B. Beavers, C.-E. Lew, P.-C. Liu, and C.-J. Peng	Single Ray address translator with segment and page invalidate ability and method of operation
5,604,882	D. F. Baldus, F. J. Ziegler, J. C. Willis, L. Liu, and R. D. Hoover	System and method for empty notification from peer cache units to global storage control unit in a multiprocessor data processing system
5,604,901	E. E. Kelley and J. F. Paleveda	Method of comparing data files
5,604,907	M. H. Conner and N. Coskun	Computer system for executing action slots including multiple action object classes
5,604,978	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
5,605,603	D. Grimard and N. P. Marmillion	Deep-trench process
5,605,781	D. W. Wang, E. R. Skarvinko, and J. D. Gelorme	Photosensitive composition with cyanate esters and use thereof
5,605,862	C. W. Koburger, J. Lasky, and J. H. Givens	Process for making low-leakage contacts
5,606,188	G. B. Bronner, J. DeBrosse, and J. A. Mandelman	Fabrication process and structure for a contacted-body silicon-on-insulator dynamic random access memory
5,606,202	G. B. Bronner and J. A. Mandelman	Planarized gate conductor on substrates with above-surface isolation
5,606,261	S. D. Golladay	Retarding field electron-optical apparatus
5,606,269	D. Pontius and R. Tamlyn	Non-delay based address transition detector (ATD)
5,606,323	D. Friedman and H. Heinrich	Diode modulator for radio frequency transponders

5,606,373	A. Ngai, C. A. Gebler, C. A. Gonzales, C. L. Dopp, E. Linzer, E. E. Viscito, and P. Tiwari	Methods for repeated field detection
5,606,374	R. L. Bertram	Video receiver display of menu overlaying video
5,606,478	M. M. Chen and N. Robertson	Ni ₄₅ Fe ₅₅ metal-in-gap thin-film magnetic head
5,606,526	H. Pilo	Glitch-free dual clock read circuit
5,606,541	B. I. Finkelstein and W. C. Williams	Switchable filter for modulating laser intensity and reducing laser feedback in an optical disk device
5,606,559	K. Stacy, K. J. Barker, M. C. Wartski, P. H. Nichols, R. E. Schroter, and R. L. Badger	System and method for an efficient ATM adapter/device driver interface
5,606,651	J. R. Brown and P. J. Rich	CAD vector file merge process
5,606,666	C. E. Kuhlmann, C. M. Grant, E. M. Thomas, J. T. Tsevdos, J. W. Krull, and S. Salamian	Method and apparatus for distributing control messages between interconnected processing elements by mapping control messages of a shared memory addressable by the receiving processing element
5,606,679	B. Klots, E. Zeidner, K. Nagin, O. Cohn, W. F. Micka, Y. Moatti, and Y. Novick	Method for optimal retrieval of non-volume-specific data
5,606,688	B. McNutt and B. J. Smith	Method and apparatus for dynamic cache memory allocation via single-reference residency times
5,606,693	D. Garcia and K. Nilsen	Method and apparatus for handling data storage requests in a distributed database environment
5,606,699	J. Vlissides and W. De Pauw	Storing and querying execution information for object-oriented programs
5,607,511	B. S. Meyerson	Method and apparatus for low-temperature, low-pressure chemical vapor deposition of epitaxial silicon layers
5,607,568	F. Zenhausern and H. K. Wickramasinghe	Assembly suitable for identifying a code sequence of a biomolecule in a free-solution embodiment
5,607,744	A. A. Mehta, C. E. Diener, D. W. Wang, E. R. Skarvinko, and R. S. Paonessa	Coated filler and use thereof
5,607,799	R. Twieg, S. M. Silence, and W. E. Moerner	Optical photorefractive article
5,607,824	B. Herbst, G. T. Spinillo, J. T. Fahey, K. M. Welsh, L. L. Linehan, R. L. Wood, and W. M. Moreau	Antireflective coating for microlithography
5,608,257	F. Prein and P. Lee	Fuse element for effective laser blow in an integrated circuit device
5,608,260	G. Irish, J. Carper, R. L. Jackson, R. M. Smith, and S. C. Rieley	Lead frame having contact pads defined by a polymer insulating film
5,608,266	C. Cabral, F. M. d'Heurle, L. Clevenger, M. W. Copel, P. D. Agnello, and Q. Hong	Thin film for a multilayer semiconductor device for improving thermal stability and a method thereof
5,608,396	D. J. Craft, E. D. Karnin, J. Cheng, and L. J. Garibay	Efficient Ziv-Lempel LZ1 data compression system using variable code fields
5,608,538	A. Edgar and S. C. Penn	Scan line queuing for high-performance image correction
5,608,586	A. Sharma, H. Dang, M. Sri-Jayantha, and S. Yamamoto	Robust servo for disk-shift compensation in rotating storage system
5,608,591	K. B. Klaassen	Integrated head-electronics interconnection suspension for a data recording disk drive
5,608,608	E. B. Flint, G. McVicker, J. P. Karidis, and W. E. Pence	Cartridge-based design for portable and fixed computers
5,608,625	W. P. Bailey	System and method for formatting position-sensitive data
5,608,860	G. Fitzpatrick and T. R. Haynes	Method and apparatus for multiple source and target object direct manipulation techniques
5,608,876	A. Cohen, A. Parash, J. F. Logan, and W. G. Holland	Add-in board with enable/disable expansion ROM for PCI bus computers
5,608,878	J. M. Kaiser, R. K. Arimilli, and W. K. Lewchuk	Dual latency status and coherency reporting for a multiprocessing system
5,608,890	J. A. Berger and S. C. Kurtz	Data set level cache optimization
5,608,897	J. Olive, J. P. Ward, M. Claffey-Cohen, M. G. Noll, and R. V. Perez-Munoz	Programmable linear feedback shift register timeout mechanism
5,608,899	B. A. Tate and S. G. Li	Method and apparatus for searching a database
5,608,900	J. Klewein, J. D. Gordon, J. F. Farber, K. D. Seppi, and M. J. Dockter	Method for generating connections between objects in a computer network
5,608,966	E. O. Donner and M. L. Zumbrunnen	Apparatus and process for manufacture of spring contact elements and assembly thereof
5,609,086	C. M. McCray, C. W. Turner, D. H. Addison, G. D. Hufford, and K. L. Schultz	Coin roll opening device
5,609,201	G. M. Chrysler, R. E. Simons, and T. M. Anderson	Enhanced flow distributor for integrated circuit spot coolers

5,609,202	G. M. Chrysler, R. E. Simons, and T. M. Anderson	Enhanced flow distributor for integrated circuit spot coolers
5,609,517	M. F. Lofaro	Composite polishing pad
5,609,744	F. Zenhausern and H. K. Wickramasinghe	Assembly suitable for identifying a code sequence of a biomolecule in a gel embodiment
5,609,772	S. J. Holmes, T. Ference, and T. H. Daubenspeck	Cube maskless lead open process using chemical mechanical polish lead/tip expose process
5,609,778	C. L. Tessler, D. J. Tudryn, D. P. Pulaski, R. T. Anderson, and S. J. Tirsch	Process for high-contrast marking on surfaces using lasers
5,609,780	C. J. Freedenberg, J. M. Cobb, and U. A. Ziemins	Laser system
5,609,989	A. Katnani, D. Yang, G. J. Hefferon, M. Khojasteh, N. R. Bantu, R. Sooriyakumaran, W. R. Brunsvold, and W. S. Huang	New bases for KRS resist improvement
5,610,409	J. A. Mandelman and J. M. Leas	Optical FET with diode adjacent gate
5,610,441	D. A. Carl, D. M. Kenney, S. V. Nguyen, and W. E. Mlynko	Angle-defined trench (ADT)
5,610,528	J. S. Neely and P. Restle	Capacitive bend sensor
5,610,548	R. P. Masleid	Split drive clock buffer
5,610,603	K. E. Plambeck	Sort order preservation method used with a static compression dictionary having consecutively numbered children of a parent
5,610,710	D. H. Canfield, E. W. Gillis, P. J. Yablonsky, and T. C. Fellows	Dual-mode illumination system for optical inspection
5,610,784	L. K. Dorius and L. S. Samuelson	Negative pressure slider with optimized leading pocket for profile control
5,610,791	S. H. Voldman	Power sequence independent electrostatic discharge protection circuits
5,610,803	R. S. Malik	Pulse width modulated power supply that reduces overshoot
5,610,821	D. C. Gazis, R. S. Jaffe, and W. G. Pope	Optimal and stable route planning system
5,610,825	D. Flores, G. Vega-Toro, L. Lachman, and W. J. Johnson	Method of and apparatus for display of analog signal loss facilitated with bar graph navigation for sound
5,610,867	H. Wong, J. DeBrosse, and T. Kirihaata	Draw signal margin test method
5,610,882	C. H. Dang	Extendable data storage library employing double gripper picker mechanism
5,610,901	H. J. Rosen, K. A. Rubin, M. Best, and T. C. Strand	Multiple data layer optical disk with recorded number of data layers
5,610,902	E. R. Childers and M. Henry	Adapter cartridge and caddy combination for hubless optical disk
5,610,945	J. M. Hoke, K. M. Pandey, and T. A. Gregg	Frame-group reception and processing
5,610,947	N. J. Lee, P. Balasubramaniam, and S. Lekuch	IR IM modem with flash modulation
5,610,953	H. T. Olnowich and R. Betts	Asynchronous low-latency data recovery apparatus and method
5,611,020	J. P. Bigus	Neural network shell for application programs
5,611,027	A. Edgar	Image enhancement with mask having fuzzy edges
5,611,035	K. W. Hall	Relational database system for conveniently constructing graphical images
5,611,048	D. C. Jacobs and J. A. Wangler	Database manager remote password administration facility
5,611,058	C. R. Moore, J. S. Muhich, and R. J. Reese	System and method for transferring information between multiple buses
5,611,062	C. F. Webb, C. R. Conklin, M. S. Farrell, and W. H. Li	Specialized millicode instruction for string operations
5,611,063	A. J. Loper, Jr., M. Putrino, and S. Mallick	Method for executing speculative load instructions in high-performance processors
5,611,070	H. S. Stone and P. Heidelberger	Methods and apparatus for performing a write/load cache protocol
5,611,074	A. Mammen, J. C. Kantz, and S. D. Wright	Efficient polling technique
5,611,696	E. O. Donner and M. L. Zumbunnen	High-density and high-current capacity pad-to-pad connector comprising of spring connector elements (SCE)
5,611,898	G. F. Guhman and M. Joshi	Reaction chamber having in-situ oxygen generation
5,612,131	N. A. Bojarczuk, R. J. Gambino, and R. R. Ruf	Composite magneto-optic memory and media
5,612,255	J. D. Chapple-Sokol, M. J. Tejwani, and S. Subbanna	One-dimensional silicon quantum wire devices and the method of manufacture thereof
5,612,292	A. Gupta	Method of making multilayer distorted-lattice copper-oxide perovskite structure
5,612,573	D. M. Waits, R. D. Sebesta, and R. L. Lewis	Electronic package with multilevel connections

5,612,626	S. D. Golladay	System using induced current for contactless testing of wiring networks
5,612,693	D. J. Craft and O. Strohacker	Sliding window data compression using a toroidal bit shift register
5,612,809	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 rise and fall times of electro-optic modules
5,612,830	C. G. Keller, J. M. Severson, and T. A. Gregory	Method and apparatus for cleaning disks upon reaching a disk drive start-stop cycle threshold (as amended)
5,612,831	F. D. Gallo, H. E. Hausler, J. C. Simkins, K. K. Kartchner, P. Y. Hu, S. J. Roffinoli, and S. M. Rockwell	Drive loader interlock system
5,612,833	B. C. Webb, E. J. Yarmchuk, M. Schultz, and T. J. Chainer	Self-servowrite radial position measurement using time data
5,612,845	G. J. Smith	Method and apparatus for in-situ detection of data storage system spindle motor performance degradation
5,612,851	J. H. Keller, J. S. Logan, M. S. Barnes, R. E. Tompkins, and R. P. Westerfield	Guard ring electrostatic chuck
5,612,908	G. G. Pechanek and S. Vassiliadis	Processing element for parallel array processor
5,612,934	C. H. Dang and C. T. Dang	Record media library accessing using a common accessing mechanism for a plurality of independent media libraries
5,612,953	H. T. Olnowich	Multimedia serial line switching adapter for parallel networks and heterogenous and homologous computer systems
5,612,961	R. A. Cabezas and R. A. Foster	Method and system for verification of the baud rate for an asynchronous serial device residing within a data processing system
5,612,963	B. Koeneman, J. A. Waicukauski, and K. D. Wagner	Hybrid pattern self-testing of integrated circuits
5,613,002	G. B. Sorkin and J. O. Kephart	Generic disinfection of programs infected with a computer virus
5,613,038	B. Striemer and C. A. Lemaire	Communications system for multiple individually addressed messages
5,613,040	J. P. Bigus	Neural network shell for application programs
5,613,043	J. P. Bigus	Neural network shell for application programs
5,613,044	G. G. Pechanek, J. G. Delgado-Frias, and S. Vassiliadis	Learning machine synapse processor system apparatus
5,613,050	R. M. Hochmuth and W. L. Luken	Method and apparatus for reducing illumination calculations through efficient visibility determination
5,613,052	C. Narayanaswami	Method and apparatus for clipping and determining color factors for polygons
5,613,060	A. P. Citron, B. A. Maslak, J. P. Gray, K. H. Britton, and T. J. Thatcher	Asynchronous resynchronization of a commit procedure
5,613,067	D. J. Lang, D. R. Nowlen, D. W. Finney, G. B. Marenin, and J. T. Brady	Method and apparatus for multiplexing messages in a multinode network to assure fair access to a data stream
5,613,068	F. D. Ferraiolo, M. Halma, R. E. Murray, R. S. Capowski, T. A. Gregg, and T. H. Hillock	Method for transferring data between processors on a network by establishing an address space for each processor in each other processor's memory
5,613,073	R. E. Johnson, W. A. Hammond, and W. G. Nation	Apparatus and method for a buffer reservation system
5,613,080	D. S. Ray, H. S. Warren, Jr., and L. E. Thatcher	Multiple execution unit dispatch with instruction shifting between first and second instruction buffers based upon data dependency
5,613,082	A. Chliwnyj, D. A. Christiansen, J. Wolf, M. A. Brewer, and W. A. Wright	Control of record media using device only accessible control areas and directory of media control marks and error history
5,613,085	P. K. Lee and Z. Yehudai	System for distributing sortwork data on disk array with improved parallelism
5,613,086	D. C. Manners, J. A. Frey, and J. M. Nick	Method and system for locking a page of real storage using a virtual address
5,613,087	G. Totolos and H. Chin	Cache testing using a modified snoop cycle command
5,613,099	C. R. Erickson and R. H. Sessions	Persistent object storage system with modifiable group skeletal formats
5,613,110	A. F. Stuart	Indexing method and apparatus facilitating a binary search of digital data
5,613,113	R. D. Goldring	Consistent recreation of events from activity logs
5,613,118	P. J. Kilpatrick and R. R. Heisch	Profile-based preprocessor for optimizing programs
5,613,137	J. L. Combs and R. L. Bertram	Computer system with touchpad support in operating system
5,613,148	D. E. Bezviner, E. Shepler, K. J. Greene, M. G. Smith, M. H. Conner, and S. H. Danforth	Method and apparatus for activating and executing remote objects
5,613,153	G. L. Guthrie, J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Coherency and synchronization mechanisms for I/O channel controllers in a data processing system
5,613,154	J. W. Peake, T. A. Griffin, and W. T. Burke	System and method for management of transient data storage mediums in an automated data storage library
5,613,155	C. Meyer and F. P. Baldiga	Bundling client write requests in a server
5,613,157	F. M. Liu, H. H. Li, and J. R. Davidson	Address range extension for a modular computer

5,613,163	A. Marron and A. S. Meritt	Method and system for predefined suspension and resumption control over I/O programs
5,613,164	G. F. O'Neil and M. F. DiAngelo	Portable system having data distribution and power distribution removably positioned within portable enclosure during shipping and adapted for repositioning within internal storage space during operation
5,613,181	G. Natarajan and S. N. Reddy	Co-sintered surface metallization for pin-join, wire-bond, and chip attach
5,613,198	A. Bar-Noy, A. Krishna, H. Ahmadi, and H. Kessler	Multiaccess scheme for mobile integrated local area networks
5,613,783	M. J. Kinney, R. Myers, and R. W. Kruppa	Point-of-sale printer with magnetic reader
5,614,056	E. J. Frankoski, J. D. Jones, L. B. Ratcliff, and R. H. Katyl	Apparatus for chemically etching substrates
5,614,076	D. Brophy, D. B. Harris, F. A. Spera, F. S. Ryan, and M. Datta	Electroetching tool using localized application of channelized flow of electrolyte
5,614,247	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
5,614,250	A. A. Mehta, C. E. Diener, D. W. Wang, E. R. Skarvinko, and R. S. Paonessa	Coated filler and use thereof
5,614,277	C. L. Bertin, K. E. Beilstein, and W. J. Howell	Monolithic electronic modules—fabrication and structures
5,614,431	J. DeBrosse	Buried strap trench cell yielding an extended transistor
5,614,433	J. A. Mandelman	Method of fabricating low-leakage SOI integrated circuits
5,614,440	D. J. Schepis, K. Seshan, and R. J. Bezama	Thermally activated noise immune fuse
5,614,727	C. Hwang, D. Mauri, G. A. Garfunkel, and W. Lee	Thin-film diode large current capability with low turn-on voltages for integrated devices
5,614,832	F. W. Olsen	High-voltage protected ohmmeter
5,614,833	A. B. El Kareh and S. D. Golladay	Retarding field electron-optical apparatus
5,614,838	S. A. Schmidt and T. K. Jaber	Reduced power apparatus and method for testing high-speed components
5,614,845	R. P. Masleid	Independent clock edge regulation
5,614,846	D. Pontius	Latch circuit with state-walk logic
5,614,901	L. C. Haas	Method and apparatus for providing data stream for cost effective transmission links
5,614,920	D. S. Goodman and P. W. Coteus	Secure viewing of display units using an electronic shutter
5,614,925	G. W. Braudaway and H. R. Delp	Method and apparatus for creating and displaying faithful color images on a computer display
5,614,990	J. A. Bruce, J. E. Gortych, and M. Hibbs	Illumination tailoring system using photochromic filter
5,615,050	R. Kant	Optical system with reduced focus spot size
5,615,058	E. J. Yarmchuk, T. J. Chainer, and W. J. Sohn	Method and system for writing a servo-pattern on a storage medium
5,615,064	J. C. Purkett, K. J. Erickson, R. Greenberg, and T. J. Blank	Pulsed current velocity controlled head load method and apparatus which uses the back EMF to control the generation of head actuator driving pulses
5,615,065	W. L. Cheung	Phase-compensated servo pattern and position error-sensing detector
5,615,084	G. M. Chrysler, R. E. Simons, and T. M. Anderson	Enhanced flow distributor for integrated circuit spot coolers
5,615,127	H. J. Beatty, I. Pramanick, P. Elmendorf, and R. Gillis	Parallel execution of a complex task partitioned into a plurality of entities
5,615,135	J. G. Wacławsky and P. C. Hershey	Event-driven interface having a dynamically reconfigurable counter for monitoring a high-speed data network according to changing traffic events
5,615,160	J. S. Muhich, L. B. Phillips, and R. P. Masleid	Minimal recharge overhead circuit for domino SRAM structures
5,615,164	H. Wong and T. Kirihata	Latched row decoder for a random access memory
5,615,168	D. Wendel, F. C. Wernicke, G. M. Lattimore, J. M. Poplawski, M. Kumar, and M. K. Ciraula	Method and apparatus for synchronized pipeline data access of a memory system
5,615,190	J. S. Best and S. R. Hetzler	Sector architecture for fixed block disk file
5,615,205	K. A. Belser	Bilevel optical media having embossed header format
5,615,213	A. D. Griefer	Message transmission using out-of-band signaling channel
5,615,217	J. Olive, M. G. Noll, R. Horne, R. V. Perez-Munoz, and T. J. Lohman	Boundary-scan bypass circuit for integrated circuit electronic component and circuit boards incorporating such circuits and component
5,615,221	J. M. Karp and S. C. West	Error detecting and correcting system

5,615,284	C. G. Wolf, J. R. Rhyne, N. Anthony, and S. Levy	Stylus-input recognition correction manager computer program product
5,615,296	E. B. Sherwin, Jr., O. Williamson, and V. Stanford	Continuous speech recognition and voice response system and method to enable conversational dialogues with microprocessors
5,615,299	L. R. Bahl, M. A. Picheny, P. S. Gopalakrishnan, and P. V. De Souza	Speech recognition using dynamic features
5,615,306	J. P. Bigus	Neural network shell for application programs
5,615,307	J. P. Bigus	Neural network shell for application programs
5,615,309	J. D. Bezek and P. M. Kogge	Inferencing production control computer system
5,615,328	K. R. White and S. J. Hadderman	PCMCIA SRAM card function using DRAM technology
5,615,329	C. W. Mikkelsen, M. A. Paulsen, R. Shomler, R. F. Kern, and W. F. Micka	Remote data storage
5,615,341	R. Agrawal and R. Srikant	System and method for mining generalized association rules in databases
5,615,346	C. H. Gerken	Method and system for a piano bar browser of information sets
5,615,350	J. H. Hesson, S. J. Ciavaglia, and T. J. LeBlanc	Apparatus to dynamically control the out-of-order execution of load/store instructions in a processor capable of dispatching, issuing, and executing multiple instructions in a single processor cycle
5,615,354	D. McCauley, J. R. Robinson, R. F. Hill, and S. J. Nadas	Method and system for controlling references to system storage
5,615,360	J. D. Bezek and P. M. Kogge	Method for interfacing applications with a content-addressable memory
5,615,361	D. Simmen, L. G. Strain, M. H. Pirahesh, S. Tiwari, and T. Y. Leung	Exploitation of uniqueness properties using a 1-tuple condition for the optimization of SQL queries
5,615,373	L. Ho	Method and apparatus for data-lock management in a distributed file server system
5,615,384	B. K. Tiller, C. S. Lanier, D. Allard, D. G. Johnson, F. J. Canova, J. R. Lewis, R. L. Yee, and W. Villafana	DAX zoom and pan functions
5,615,387	C. H. Crockett, Jr., D. W. Malone, M. McMaster, S. Duncan, and S. A. Dunn	Method and apparatus for reworking printed circuit boards using surface coating and selective removal of an electrically conductive material