

Recent IBM patents

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

Canada

2,102,089	D. M. Gilles	Recompilation of computer programs for enhanced optimization
2,103,134	B. R. Hartlen, D. N. McKay, J. Chen, J. Mayran, S. L. Fickes, T. Kurata, and T. Williams	Medium access control protocol for wireless communication
2,103,135	L. Hartley	Predictive collision avoidance method and apparatus for wireless communications
2,124,094	A. N. Swami and B. Schiefer	Method and apparatus for optimizing data retrieval using index scanning
2,129,193	P. E. Reissner	Access point tracking for mobile wireless network node
2,129,199	P. E. Reissner and R. Y. Cheung	Method and apparatus for bridging wireless LAN to a wired LAN
2,134,012	M. A. Predko	Interface card for testing personal computer main boards
2,135,506	E. D. Keller, P. K. Kam, R. R. Devins, and S. Hon	I/O trapping for sound generation in the computer
2,138,302	M. S. Fortinsky	Provision of secure access to external resources from a distributed computing environment
2,139,094	A. A. Al-Karmi, B. S. Soor, and S. S. Singh	Optical character recognition of handwritten or cursive text
2,143,606	P. Arrowsmith and P. B. Phipps	Method of making electronic housing more reliable by preventing formation of metallic whiskers on the sheets used to fabricate them
2,159,270	A. D. Jhingran, L. Kollar, S. Padmanabhan, and T. R. Malkemus	Method for localizing execution of subqueries and determining collocation of execution of subqueries in a parallel database
2,162,188	H. J. Gartner, J. R. Stephenson, M. Starkey, and V. Klicnik	Location transparency of distributed objects over multiple middlewares

France

735,565	B. Auda, M. Canteloup, and P. Coronel	Method and apparatus for monitoring the dry etching of dielectric film to a given thickness
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Germany

49,810,497.4	E. Hindermeyer and W. Fischer	Portable diagnostic system for the inspection of the electronics of vehicles
59,309,544.8	G. Koetzle, H. Schettler, T. Ludwig, and V. Kreuter	Multiple power-performance CMOS technology

Japan

1,042,117	H. Shima and K. Yamazaki	Industrial design
1,043,133	T. Ohta	Prefabricated type mini-band
1,045,170	K. Yamazaki and N. Mieki	Keyboard
1,045,191	K. Chiba and K. Nakada	Movable POS board

1,045,202	T. Takahashi	Industrial design of 9051-C10
1,045,203	D. W. Hill, K. Yamazaki, and T. Takahashi	Industrial design of S10
1,045,207	N. Mieki and T. Imai	IC card station
1,047,067	K. Yamazaki	Portable CD-ROM
1,049,662	K. Yamazaki, N. Mieki, and S. Mukohyama	PHS
1,050,302	K. Saruwatari and T. Takahashi	Industrial design of Kozuchi-C
2,908,741	A. Kibashi, H. Kakuta, H. Suzuki, K. Arai, K. Okada, M. Sasaki, and T. Endoh	Head roll burnish by VCM oscillation for T.A. disturbance
2,915,312	H. Miyatake, K. Kitamura, M. Yamamoto, and T. Sunaga	DRAM macro for ASIC application
2,915,317	M. Suzuki	LCD backlight with polarization
2,915,330	E. Kanzaki, H. Yasuda, and S. Takagaki	The implementation of plane equation for interpolation
2,915,397	T. Miyamoto and T. Tsujimura	Low leakage TFT structure
2,918,875	M. Shinohara and M. Uda	Perfect flat mirror structure for light valve array
2,925,103	M. Shirai and S. Yamada	Wrinkle-less photo insulator
2,935,129	T. Matsui and Y. Sonobe	Crosstalk reduced hard disk drive
2,938,420	K. Okamoto, M. Matsuda, N. Muranaka, N. Uchiyama, T. Takemura, and Y. Kinoe	Method of multiple functional icon
2,938,431	H. Matsumoto	Topological routing path determination algorithm (static routing) for chip package when all pins have individual connection data
2,940,641	A. Kuroda, K. Sekiya, and Y. Kobayashi	A driving method of capacitive load
2,940,642	M. Horiuchi, S. Ishii, and T. Sano	Cooling system
2,942,240	M. Terada, T. Kimura, and Y. Miwa	Tag for cramp of CPU cooler
2,948,510	A. Terukina, M. Hassner, S. Koyama, T. Nozawa, and T. Tamura	Integrator with AGC
2,950,433	H. Suzuki, I. Narita, and M. Horiuchi	Battery connection mechanism
Switzerland		
736,237	J. Le Boudec, R. Sultan, and T. Przygienda	Routing bandwidth-reserved connections in information networks
783,662	D. P. Smith, G. K. Binnig, H. Rohrer, and W. Haeberle	Fine positioning apparatus with atomic resolution
832,527	M. Rupf, P. R. Chevillat, R. D. Cideciyan, and W. H. Schott	Packet data transmission in code-division multiple access communication systems
United Kingdom		
528,084	A. Key and J. M. Garrett	System and method for processing data representing stored images
797,879	P. D. Niblett	Data conferencing network
797,883	C. Paradine and P. J. Russell	Audio communication apparatus
830,779	L. L. Porter	Voice mail system
834,140	M. J. Trotter	Semantic networks
839,350	D. J. Zimmer, G. Normington, I. Hunter, P. J. Lupton, and T. W. Banks	Optimized synchronization procedure
880,739	A. J. Stanford-Clark and S. J. Martin	Load balancing across the processors of a server computer
2,301,729	D. S. Chevion	Voice recording and playback apparatus
2,301,910	A. J. Richards, D. J. Zimmer, H. G. Price, I. Hunter, J. Czaykowski, J. S. Tilling, P. J. Lupton, and R. F. Buxton	A technique for moving old units of work from the system log
2,304,984	A. R. Knox and J. S. Beeteson	Electron source
2,304,985	A. R. Knox and J. S. Beeteson	Electron source
2,304,988	A. R. Knox and J. S. Beeteson	Display device
2,308,560	B. L. Robertson and F. J. Martin	Improvements in solder joint strength
United States		
5,875,332	I. A. Wang, J. Sidik, R. S. Wu, and S. H. Yeh	Generating a common gateway interface adapter customized for a stored procedure
5,875,334	B. T. Tran, J. H. Chow, N. Mattos, and Y. C. Fuh	A system, method, and program for extending a SQL compiler for handling control statements packaged with SQL query statements
5,875,336	B. C. Drerup, G. Voigt, J. E. Dickol, and J. M. Stafford	Method and system for translating a non-native bytecode to a set of codes native to a processor within a computer system

5,875,338	L. J. Powell	Method and apparatus for pseudo round-robin arbitration utilizing independent tokens
5,875,342	J. L. Temple III	User programmable interrupt mask with timeout
5,875,346	D. A. Luick	System for restoring register data in a pipelined data processing system using latch feedback assemblies
5,875,426	B. Lewis, C. Waast, E. Epstein, J. M. Le Roux, L. R. Bahl, P. V. de Souza, and S. V. De Gennaro	Recognizing speech having word liaisons by adding a phoneme to reference word models
5,875,442	L. E. Jordan II, M. J. Sirkin, P. E. Stephens, and S. B. Shi	Method and apparatus for enhancing access to a remote database employing dynamic buffer management
5,875,444	S. B. Hughes	Computer file system check and repair utility
5,875,446	E. C. So, E. Q. Brown, H. A. Ellozy, J. M. Prager, and R. N. Chang	System and method for hierarchically grouping and ranking a set of objects in a query context based on one or more relationships
5,875,447	B. Iyer and P. Goel	Reordering of complex SQL queries involving GROUPBYs, joins, outer joins and full outer joins
5,875,454	D. J. Craft and R. Greenberg	Compressed data cache storage system
5,875,463	D. T. Crump and S. Pancoast	Video processor with addressing mode control
5,875,464	D. B. Kirk	Computer system with private and shared partitions in cache
5,875,469	P. E. Milling	Apparatus and method of snooping processors and look-aside caches
5,875,470	D. Meltzer, H. L. Kalter, J. H. Dreibelbis, M. Ignatowski, T. J. Heller, and W. F. Ellis	Multi-port multiple-simultaneous-access DRAM chip
5,875,479	C. S. Michod and L. C. Blount	Method and means for making a dual volume level copy in a DASD storage subsystem subject to updating during the copy interval
5,875,484	D. Neuhard, J. M. Nick, K. B. Pushong, and M. D. Swanson	Method and system for determining and overriding information unavailability time at a coupling facility
5,875,487	S. Yanamadala and W. H. Schwartz	System and method for providing efficient shared memory in a virtual memory system
5,890,284	R. Chartrand, R. A. Stinemire, and W. Ma	Method for modifying circuit having ball grid array interconnections
5,890,299	F. P. Giordano	View angle correction for accurate color on liquid crystal displays
5,890,783	K. R. Peters, R. F. Babcock, and S. P. Mroz	Semi-monocoque apparatus and method for an electronic device enclosure
5,891,257	J. G. Stephanie and M. Swain	Tool for removing protective encapsulants
5,891,281	E. J. Pega, G. Natarajan, J. G. Zhou, and M. Giordano	System and method for uniform product compressibility in a high throughput uniaxial lamination press
5,891,295	A. Decker and W. A. Barringer	Fixture and method for carrying a flexible sheet under tension through manufacturing processes
5,891,526	D. Lewis, M. J. Brady, and S. L. Buchwalter	Apparatus for mixing a multi-component encapsulant and injecting it through a heated nozzle onto a part to be encapsulated
5,891,543	C. Sullivan, C. J. Calli, D. Cook, D. Goland, D. Mackin, D. C. Long, J. Saltarelli, J. A. Casey, J. U. Knickerbocker, K. Prettyman, K. C. O'Neil, K. M. McGuire, M. LaPlante, and M. Puchalski	Apparatus and method for screening using electrostatic adhesion
5,891,746	D. Kuchta	Semiconductor wafer testing method and apparatus
5,891,755	D. L. Edwards, G. Messina, R. A. Sherif, and S. Iruvanti	Process for flat plate cooling a semiconductor chip using a thermal paste retainer
5,891,807	K. P. Muller, R. M. Ranade, and S. Schmitz	Formation of a bottle shaped trench
5,892,203	G. L. Stewart, R. L. Trollinger, and S. Jordan	Apparatus for making laminated integrated circuit devices
5,892,257	C. Galli, J. E. Acocella, J. F. Shepard, L. Hsu, N. Rovedo, and S. Ogura	Packing density for flash memories
5,892,323	S. M. Zimmerman	Structure and method of making field emission displays
5,892,366	R. A. Byers	Adjustable tooling pin for a card test fixture
5,892,372	D. G. Mikan, G. M. Lattimore, M. K. Ciraula, and R. P. Masleid	Creating inversions in ripple domino logic
5,892,409	D. W. Boerstler	CMOS process compensation circuit
5,892,637	D. D. Palmer, R. G. Simmons, S. Voss, W. C. Shum, W. L. Hillman, and W. W. Brooks	Multi-piece integrated suspension for a magnetic storage system
5,892,663	A. Minn, C. L. Purrington, F. Darroch, and N. Bolinger	Flexible insulator for telecommunications network printed
5,892,704	B. Ross, G. A. Yeung, and G. M. Lattimore	Wordline amplifier
5,892,725	B. Ross, G. A. Yeung, G. M. Lattimore, and Y. Lotfi	Memory in a data processing system having uneven cell grouping on bitlines and method therefor

5,892,739	C. DeCusatis and L. Jacobowitz	In system for creating reading and writing on rotatable information storage media, an apparatus for multilayer source positioning using the laser source as a detector
5,892,753	D. Marquardt, D. E. Badt, L. S. Wise, L. W. Russell, and S. B. Rao	System and method for dynamically refining PMTU estimates in a multimedia datastream internet system
5,892,754	F. D. Smith, J. P. Gray, K. Jeffay, and V. Kompella	User controlled adaptive flow control for packet networks
5,892,905	D. D. Snyder, D. E. Olson, E. D. Lindberg, J. E. Selden, J. O. Walts, K. L. Brown, M. L. Brandt, and P. J. Dykes	Computer apparatus and method for providing a common user interface for software applications accessed via the world-wide web
5,892,913	A. Adiga, D. Legband, D. Wolfe, D. E. Wood, K. Kalinoski, M. N. Day, and W. D. Shaw	System and method for datastreams employing shared loop architecture multimedia subsystem clusters
5,892,953	A. Bhagria, D. S. Wood, and J. Tano	Corrective service facility
5,893,063	P. A. Loats, W. J. Tracey, and X. Wang	Data processing system and method for dynamically accessing an application using a voice command
5,893,086	F. Schmuck, J. Wyllie, and T. Engelsiepen	Parallel file system and method with extensible hashing
5,893,099	G. K. Arnold, R. S. Miles, and R. W. Schreiber	System and method for processing electronic mail status rendezvous
5,893,106	C. H. Brobst and W. A. Nelson	Object oriented server process framework with interdependent-object creation
5,893,108	B. Parvathaneny and V. Srinivasan	System, method, and computer program product for efficiently translating relational tuples to object-oriented objects
5,893,133	J. C. Chen	Keyboard for a system and method for processing Chinese language text
5,893,138	I. D. Judd and S. G. Luning	System and method for performing raid operations in a data processing system
5,893,148	T. B. Genduso and W. L. Leung	Hardware stack cache management logic
5,893,157	C. A. Scalzi, K. E. Plambeck, and S. J. Greenspan	Blocking symbol control in a computer system to serialize accessing a data resource by simultaneous processor requests
5,893,159	B. O. Schneider	Methods and apparatus for managing scratchpad memory in a multiprocessor data processing system
5,893,163	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method and system for allocating data among cache memories within a symmetric multiprocessor data-processing system
5,893,667	M. J. Kinney, R. Myers, and R. W. Kruppa	Point of sale printer with magnetic reader
5,893,670	J. D. Thomas, J. G. Brewington, K. H. Vorhees, and R. H. Harris	Gear with teeth of decreasing height for a printer
5,893,735	A. P. Short, B. Poschenrieder, E. N. Hammerl, H. Ho, J. A. Mandelman, R. Srinivasan, and R. Stengl	Three-dimensional device layout with sub-groundrule features
5,893,899	D. Flores, G. Vega-Toro, L. Lachman, and W. J. Johnson	Method of and apparatus for display of digitized analog signal loss
5,893,912	C. J. Redlin, G. Hutchison, K. S. Warr, M. Mulholland, P. J. Schommer, R. H. High, and T. J. Freund	Thread context manager for relational databases, method, and computer program product for implementing thread context management
5,893,918	B. C. Beardsley, M. T. Benhase, and S. M. Wethington	System and method for rotational position sensing miss avoidance in direct access storage devices
5,893,920	A. A. Shaheen and K. K. Yellepeddy	System and method for cache management in mobile user file systems
5,893,921	C. N. Tran	Method for maintaining memory coherency in a computer system having a cache
5,893,924	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. Stoob	System and method for overflow queue processing
5,893,926	A. R. Saxena and G. W. Wilhelm, Jr.	Data buffering technique in computer system
5,893,927	W. P. Hovis	Memory device having programmable device width, method of programming, and method of setting device width for memory device
5,893,930	S. P. Song	Predictive translation of a data address utilizing sets of associative entries stored consecutively in a translation lookaside buffer
5,893,981	H. A. Santini, M. M. Dovek, M. T. Krounbi, R. Hsiao, R. E. Fontana, and V. S. Speriosu	Stabilized MR sensor and flux guide joined by contiguous junction
5,893,983	G. F. Reel, J. A. Rios, J. J. Konrad, M. Wozniak, T. L. Wells, and V. R. Markovich	Technique for removing defects from a layer of metal
5,894,152	J. A. Mandelman, M. A. Jaso, M. R. Wordeman, and W. R. Tonti	SOI/bulk hybrid substrate and method of forming the same