

Recent IBM patents

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

Canada

2,105,847	A. Storisteanu and Z. Wang	Method of editing text in column sensitive environments
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France

501,085	B. Gabillard, M. Grandguillot, and P. Girard	A novel level-shifter circuit for high-speed low-power BiCMOS ECL to CMOS input buffers
632,625	A. Pauporte, C. L. Galand, D. Mauduit, E. Saint-Georges, G. Lebizay, J. M. Munier, and V. Spagnol	Programmable high performance data communication adapter for high speed packet transmission networks

Germany

522,186	H. W. Tast, K. J. Getzlaff, and T. Pflueger	Multiplexer
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Japan

2,087,453	S. Kobayashi, S. Tanaka, and Y. Shibata	Microcode control of the memory counter
2,087,489	H. Niiijima, T. Furuhashi, and T. O. Hirano	Micro mechanical switches for integrated circuits
2,088,505	J. Kishaba and K. Minami	Two-dimensional geometric validity verification algorithm
2,089,551	M. Kisaka	Compensation of optical encoder output signal
2,089,592	K. Sugimoto and M. Aono	Color image quantization using octree encoding
2,089,642	K. Yonehara	Solution for lift-chip defect of TDB product
2,092,489	M. K. Kanamaru, N. Kitazaki, and Y. Sonobe	Abacus bead disk
2,557,201	Y. Sakaguchi	Automatic pure tone detector for low-end DASD
2,557,971	H. Kitahori, T. Komatsuzaki, and Y. Masuda	Actuator retract method by magnetic force to use leakage
2,558,082	M. Shirai, S. Okabe, and Y. Kohno	Leveling after precure
2,559,941	S. Takayama and Y. Ikeda	Method of making a granular surface magnetic thin film disk
2,559,966	M. Fukuta	Read/write device with high impedance output for HDD

United Kingdom

550,942	U. Shvadron and Y. Medan	Signal processor
2,056,492	M. H. Sharp	Workstation

United States

- 5,552,107 A. Reitter, B. V. Fasano, C. N. Cordero, D. Goland, G. M. Johnson, J. A. Casey, J. H. Harris, L. W. Herron, N. Patel, R. Hannon, R. A. Youngman, R. V. Vallabhaneni, and S. L. Shinde Aluminum nitride body having graded metallurgy
- 5,552,204 J. K. Howard, M. Ullah, R. D. Umphress, and R. H. Ahlert Magnetic disk with boron carbide overcoat layer
- 5,552,232 A. Reitter, B. V. Fasano, C. N. Cordero, D. Goland, G. M. Johnson, J. A. Casey, J. H. Harris, L. W. Herron, N. Patel, R. Hannon, R. A. Youngman, R. V. Vallabhaneni, and S. L. Shinde Aluminum nitride body having graded metallurgy
- 5,552,256 A. Aviram, D. Bucca, D. E. Seeger, W. Brunsvold, and W. E. Conley Positive resist composition containing naphthoquinone diazide compound having non-metallic atom directly bonded to the naphthalene ring
- 5,552,591 C. L. Chen, D. C. Bossen, D. S. Goodman, F. H. Dill, J. M. Mulligan, M. Y. Hsiao, P. V. McCann, and R. Rand Presence/absence bar code
- 5,552,611 W. A. Enichen Pseudo-random registration marks for projection lithography tool
- 5,552,638 L. J. O'Connor, R. A. Previti-Kelly, and T. J. Reen Metallized vias in polyimide
- 5,552,718 J. A. Bruce, M. Hibbs, and R. K. Leidy Electrical test structure and method for space and line measurement
- 5,552,721 S. W. Gould Method and system for enhanced drive in programmable gate arrays
- 5,552,737 C. Chen Scannable master slave latch actuated by single phase clock
- 5,552,745 A. R. Pelella and Y. H. Chan Self-resetting CMOS multiplexer with static output driver
- 5,552,778 A. Schrott and R. J. Von Gutfeld Multibit bimorph magnetic tags using acoustic or magnetic interrogation for identification of an object coupled thereto
- 5,552,891 P. L. Balzer Automated mask alignment for UV projection expose system
- 5,552,946 B. W. Bicknese, D. W. Johnson, J. F. Boigenzahn, J. M. Rigotti, J. T. Coffey, M. A. Schlimmer, R. E. Lagergren, R. J. Bornhorst, and T. P. Fracek Compliant rail for shock protection of a PCMCIA DASD
- 5,552,950 D. E. Goodman, J. M. Poss, and J. T. Coffey Direct access storage device with magneto-resistive transducing head apparatus and a common read return signal line
- 5,552,957 C. R. Hatton, D. Hermansen, D. Reynolds, D. J. Podmajersky, E. R. Ritinski, F. V. Grebe, G. T. Brown, J. D. Rizzi, J. H. Sherman, P. Wormsbecher, V. Coppola, and W. A. Goodman Portable computer field kit
- 5,552,996 C. A. Hoffman, D. J. Nickel, K. A. McGroddy, M. A. Lavin, and W. C. Leipold Direct access storage device with magneto-resistive transducing head apparatus and a common read return signal line
- 5,553,009 S. Meshkat Method and system using the design pattern of IC chips in the processing thereof
- 5,553,015 C. H. Olson, F. J. Palermo, and T. A. Elliott Parallel method for subdivision of arbitrary curved solids
- 5,553,029 P. F. Lu, W. R. Reohr, and Y. H. Chan Efficient floating point overflow and underflow detection system
- 5,553,054 D. A. Hansen, T. Kimura, and T. S. Gardner Precharged bit decoder and sense amplifier with integrated latch usable in pipelined memories
- 5,553,082 J. Connor and L. Ternullo Coarse position sensor for optical recording device
- 5,553,097 J. Dagher A built-in self-test for logic circuitry at memory array output
- 5,553,144 A. Simon, C. Milligan, C. A. Price, D. Anderson, F. A. Almquist, G. Williams II, J. E. Campbell, J. F. Larsen, M. Chan, R. A. Wood, S. Flaherty, S. Hajek, and W. F. Washburn System and method for transporting high-bandwidth signals over electrically conducting transmission lines
- 5,553,206 S. Meshkat Method and system for selectively altering data processing system functional characteristics without mechanical manipulation
- 5,553,210 C. Narayanaswami New method for decomposition of objects into elements
- 5,553,218 S. G. Li and T. J. Shrader System and method for clipping pixels drawn in one of a plurality of windows in a computer graphics system
- 5,553,221 J. A. Reimer and R. A. Reinsch Graphical user interface for relating key and index properties to database table columns
- 5,553,225 P. M. Perry System and method for enabling the creation of personalized movie presentations and personalized movie collections
- 5,553,227 R. E. Berry Method and apparatus for combining a zoom function in scroll bar sliders
- Method and system for visually programming state information using a visual switch

5,553,228	D. J. Erb and X. Z. Odom	Accelerated interface between processors and hardware adapters
5,553,234	B. R. Little, C. L. Cotner, R. J. Heaps, T. J. Toomire, and W. L. Koontz	System and method for including stored procedures, user-defined functions, and trigger processing in an existing unit of work
5,553,235	J. C. Ross and J. N. Chen	System and method for maintaining performance data in a data processing system
5,553,240	H. H. Madduri	Determining a winner of a race in a data processing system
5,553,253	K. So and S. Pan	Correlation-based branch prediction in digital computers
5,553,254	R. J. Pedersen and V. Berstis	Instruction cache access and prefetch process controlled by a predicted instruction-path mechanism
5,553,265	C. M. Herring, R. P. Abato, and W. R. Greer	Methods and system for merging data during cache checking and write-back cycles for memory reads and writes
5,553,273	L. Liebmann	Vertex minimization in a smart optical proximity correction system
5,553,274	L. Liebmann	Vertex minimization in a smart optical proximity correction system
5,553,276	M. E. Dean	Self-timed processor with dynamic clock generator having plurality of tracking elements for outputting sequencing signals to functional units
5,553,279	R. D. Goldring	Lossless distribution of time series data in a relational data base network
5,553,286	R. E. Lee	System and method for loading an executable program
5,553,287	E. Hefferon, G. A. Fisher, J. L. Fava, K. H. Hoppe, M. C. Cox, M. W. Sachs, P. I. Kania, R. Cwiakala, and R. J. Gallagher	Methods and apparatus for dynamically using floating master interlock
5,553,289	M. L. Williams and W. J. Johnson	System for automatically assigning attributes to objects of multimedia distribution when the objects being within a predetermined relationship
5,553,290	D. L. Johnston, D. L. Shaffer, G. A. Turk, H. M. Olson-Williams, J. L. Naylor, J. S. Effle, N. Calvert, and R. H. Satin	Software packaging structure having hierarchical replaceable units
5,553,292	J. George, J. C. Daly, J. T. Rodell, and P. G. Greenstein	Method and system for minimizing the effects of disruptive hardware actions in a data processing system
5,553,305	R. A. Iannucci and S. L. Gregor	System for synchronizing execution by a processing element of threads within a process using a state indicator
5,553,306	A. F. Neel II, J. P. Ward, M. Claffey-Cohen, P. T. Le, and T. J. Louie	Method and apparatus for controlling parallel port drivers in a data processing system
5,553,766	D. C. Linnell, K. A. Lidestri, R. A. Jackson, and R. N. Master	In-situ device removal for multi-chip modules
5,553,769	J. Funari, J. A. Varcoe, and J. V. Ellerson	Interconnection of a carrier substrate and a semiconductor device
5,554,485	C. F. Lyons, G. T. Spinillo, J. T. Fahey, K. M. Welsh, P. Jones, R. Sooriyakumaran, R. L. Wood, R. R. Dichiera, and W. M. Moreau	Mid and deep-UV antireflection coatings and methods for use thereof
5,554,717	A. Afzali and J. D. Gelorme	Synthesis of polyanilines and its co-polymers by melt condensation
5,554,924	F. W. Olsen, J. K. McMahon, and M. F. Seward	High speed shunt regulator
5,554,946	B. W. Curran and R. X. Blanco	Timing signal generator
5,554,974	H. Heinrich, M. J. Brady, P. Chaudhari, P. A. Moskowitz, R. J. Gambino, and R. J. Von Gutfeld	Encodable tag with radio frequency readout
5,555,237	A. A. Gaudet, B. A. Cassels, D. J. Winarski, I. E. Henderson, and J. J. Dente	Contamination detection apparatus and method using write power calibration values
5,555,291	H. A. Inniss, R. P. Welch, and S. F. Scaggs	Method and system for automatically updating telephone response mechanism
5,555,352	B. Lucas	Object-based irregular-grid volume rendering
5,555,355	C. Narayanaswami	System and method for clamping variable values without using branch instructions
5,555,356	F. Scheibl	System and method for generating a trimmed parametric surface for display on a graphic display device
5,555,365	L. Weisberg, P. Vortman, R. Selby, and S. Yanai	Method and system for optimizing static and dynamic binding of presentation objects with the object data they represent
5,555,370	J. S. Wang and S. G. Li	Method and system for creating complex objects for use in application development
5,555,371	L. M. Duyanovich, R. Shomler, and W. F. Micka	Data backup copying with delayed directory updating and reduced numbers of DASD accesses at a backup site using a log structured array data storage
5,555,373	P. E. Newman and R. A. Dayan	Inactivity monitor for trusted personal computer system
5,555,377	A. D. Walker, K. J. Christensen, and S. E. Polge	System for selectively compressing data transferred in network in response to produced first output when network utilization exceeds first threshold and data length over limit

5,555,383	U. Elazar	Peripheral component interconnect bus system having latency and shadow timers
5,555,385	D. L. Osisek	Allocation of address spaces within virtual-machine computer system
5,555,387	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
5,555,400	J. T. O'Quin II and R. D. Groves	Method and apparatus for internal cache copy
5,555,411	A. J. Lang, A. W. Shannon, and L. E. England	Initializing programs having dependencies
5,555,412	K. Besaw, R. J. Donovan, and S. Sagiv	Compiler and method for alias checking in a computer
5,555,413	J. Olive, M. G. Noll, R. V. Perez- Munoz, and T. J. Lohman	Computer system and method with integrated level and edge interrupt requests at the same interrupt priority
5,555,414	R. E. Hough and R. E. Murray	Multiprocessing system including gating of host I/O and external enablement to guest enablement at polling intervals
5,555,426	M. L. Williams, R. S. Keller, and W. J. Johnson	Method and apparatus for disseminating information in a data processing system
5,555,528	C. Desnoyers, C. A. Collins, D. B. Rolfe, D. E. Pontius, and W. J. Knowles	Dynamic random access memory persistent page implemented as processor register sets
5,555,537	H. J. Rosen, K. A. Rubin, W. I. Imaino, and W. W. Tang	Optical data storage system with multiple write-once phase-change recording layers
5,555,543	G. F. Grohoski, O. Mitchell, T. M. Nguyen, and Y. Rim	Crossbar switch apparatus and protocol
5,555,776	J. Gazza	Cam integrated with a rotation sensor
5,556,024	D. C. Olson and R. B. Phillips	Apparatus and method for removing known good die using hot shear process
5,556,726	C. M. Yuan	Photolithographic dose determination by diffraction of latent image grating
5,556,795	C. B. Morrison	Quantum well superluminescent diode
5,556,802	B. Chen, H. Wong, J. Cronin, P. E. Bakeman, Jr., and S. J. Holmes	Corrugated vertical stack capacitor (CVSTC)
5,556,899	A. Afzali, A. Mehta, A. Viehbeck, B. E. Braren, E. Foster, J. Ayala- Esquilin, J. C. Hedrick, J. L. Hedrick, J. M. Shaw, R. T. Hodgson, S. Daijavad, S. Molis, and S. L. Tisdale	Fluorinated carbon polymer composites
5,557,114	J. A. Mandelman and J. M. Leas	Optical FET
5,557,183	D. Glaess, P. J. Wadkins, R. M. Bates, and T. S. Larson	Method and apparatus for predicting failure of a disk drive
5,557,224	C. G. Wright	Apparatus and method for generating a phase-controlled clock signal
5,557,272	S. R. Riggio	A non-volatile serial-to-parallel converter system utilizing thin-film, floating gate, amorphous transistors
5,557,482	E. A. Cunningham and T. C. Christensen	Multipath channel apparatus and method for data storage devices and communications systems wherein a data path is selected based on errors
5,557,491	D. J. Werner and H. S. Gill	Two terminal single stripe orthogonal MR head
5,557,492	D. E. Heim and H. S. Gill	Thin film magnetoresistive head with reduced lead-shield shorting
5,557,503	M. Swain and P. D. Isaacs	Circuit card having a large module strain relief and heat sink support
5,557,548	E. H. Welbon, F. C. Gover, and F. E. Levine	Method and system for performance monitoring within a data processing system
5,557,551	D. J. Craft	Method and apparatus for a thermal protection unit
5,557,634	N. J. Lee, P. Balasubramaniam, and S. Lekuch	Multiprotocol directed infrared communication controller
5,557,725	C. Stillwagon, C. M. Ansberry, C. Y. Yang, E. Mesterton, J. D. Freer, and T. W. Fuqua	Method and system for switching between users in a conference enabled application
5,557,731	J. S. Wang and S. G. Li	Method and system for detecting undefined objects in an application
5,557,732	S. M. Thompson	Method and apparatus for protecting software executing on a demonstration computer
5,557,740	D. Noddings and R. H. Johnson	Method and system for providing device support testing for a plurality of operating systems
5,557,746	D. Chen, J. L. Eisenbies, L. Temoshenko, and W. McKenzie	System and method for recording accounting times
5,557,758	D. Moeller, L. M. Venarchick, P. M. Bland, R. G. Hofmann, and S. Katz	Bridge between two buses of a computer system that determines the location of memory or accesses from bus masters on one of the buses
5,557,759	D. T. Crump and S. Pancoast	Asynchronous interrupt service without stalling execution pipeline
5,557,768	G. M. Bracer and L. C. Howell	Functional pipelined virtual multiport cache memory with plural access during a single cycle

5,557,770	A. Bhide and D. M. Dias	Disk storage apparatus and method for converting random writes to sequential writes while retaining physical clustering on disk
5,557,775	J. J. Shedletsky	System for designing computer networks
5,557,776	D. J. Weber, E. D. Vasquez, E. S. Patry, J. A. Diephuis, K. Yamaguchi, K. M. Sissors, L. Falcon, Jr., M. A. Brown, R. A. Demers, S. S. Gaitonde, T. E. Frayne, and W. A. Remay	An apparatus which allows data sharing amongst computer programs from different program environments (as amended)
5,557,784	C. Dombrowski, J. Mascaro, and R. A. Dayan	Power-on timer for a personal computer system
5,557,790	J. F. Farber, K. D. Seppi, M. J. Dockter, and R. E. Bingham	Facility for the generic storage and management of multimedia object
5,557,791	C. Mohan, J. M. Cheng, and M. H. Pirahesh	Outer join operations using responsibility regions assigned to inner tables in a relational database
5,557,792	C. Mohan, I. S. Narang, J. W. Josten, J. Z. Teng, and T. L. Mukai	Efficient data base access using a shared electronic store in a multi-system environment with shared disks
5,557,799	G. E. Welman	Computer determination of operating system or data
5,557,844	A. C. Bhatt, D. O. Powell, K. I. Papathomas, R. Magnuson, and V. R. Markovich	Method of preparing a printed circuit board
5,558,111	M. F. Lofaro	Apparatus and method for carrier backing film reconditioning
5,558,523	A. Lanzetta and P. W. Coteus	Pad on pad type contact interconnection technology for electronic apparatus
5,558,563	M. F. Lofaro and W. Cote	Method and apparatus for uniform polishing of a substrate
5,558,795	V. Frank	Module encapsulation by induction heating
5,558,957	M. Datta and R. Shenoy	Method for making a thin flexible primary battery for microelectronics applications
5,559,050	H. Wong, J. Alsmeier, J. A. Mandelman, and W. F. Ellis	P-MOSFETs with enhanced anomalous narrow channel effect
5,559,051	A. J. Wallash and S. H. Voldman	Silicon chip with an integrated magnetoresistive head mounted on a slider
5,559,367	A. Grill, D. C. Edelstein, J. R. Paraszczak, S. A. Cohen, and V. V. Patel	Diamond-like carbon for use in VLSI and ULSI interconnect systems
5,559,384	D. B. Dove, J. J. Boland, and T. Takamori	Controlled levitation/suspension in a magnet-superconductor system
5,559,428	A. Halperin, L. Li, S. G. Barbee, and T. F. Heinz	In-situ monitoring of the change in thickness of films
5,559,453	J. J. Covino and J. R. Sousa	Interlocked restore circuit
5,559,460	E. A. Cunningham	Peak detection circuit for suppressing magnetoresistive thermal asperity transients in a data channel
5,559,670	A. Lanzetta, E. B. Flint, and L. S. Mok	Convertible display computer
5,559,726	R. F. Berry	Method and system for detecting whether a parameter is set appropriately in a computer system
5,559,739	H. Wong, J. Debrosse, and T. Kirihaata	Random access memory with a simple test arrangement
5,559,764	C. S. Li, H. I. Hsiao, M. S. Chen, and P. S. Yu	HMC: a hybrid mirror-and-chained data replication method to support high data availability for disk arrays
5,559,840	A. M. Patel, B. S. So, C. M. Melas, and R. A. Rutledge	Digital timing recovery method and apparatus for a coded data channel
5,559,889	R. J. Easter and W. A. Merz	System and methods for data encryption using public key cryptography
5,559,912	B. Pezeshki, F. Agahi, J. A. Kash, and J. J. Welser	Wavelength-selective devices using silicon-on-insulator
5,559,948	C. A. Andrew, M. A. Bloomfield, and P. Magid	Apparatus and method for manipulating an original object icon in a computer system graphical user interface
5,559,949	J. A. Reimer and R. A. Reinsch	Computer program product and programs storage device for linking and presenting movies with their underlying source information
5,559,963	J. M. Hoke, K. M. Pandey, and T. A. Gregg	Suspending, resuming, and interleaving frame-groups
5,559,972	G. Miracle, J. T. Moyer, M. Carey, and R. A. Neuner	Method and apparatus for supporting byte-mode devices and non-byte-mode devices on a bus
5,559,976	S. P. Song	System for instruction completion independent of result write-back responsive to both exception free completion of execution and completion of all logically prior instructions
5,559,982	R. Wideman	Method and apparatus for controlling storage utilization
5,560,008	D. W. Johnson and T. A. Smith	Remote authentication and authorization in a distributed data processing system
5,560,013	C. A. Scalzi and W. J. Starke	Method of using a target processor to execute programs of a source architecture that uses multiple address spaces
5,560,018	D. Medina, J. F. Macon, and M. Peloquin	Methods and apparatus providing external interrupt serialization compatibility in a multiprocessing (MP) environment for software

5,560,023	D. T. Crump and S. Pancoast	Automatic backup system for advanced power management (APM)
5,560,026	G. C. Manthuruthil, H. Reddy, and S. Parikh	Method and system for corrective re-installation of an object on a data processing system
5,560,097	C. D. Snyder, C. E. Yeack-Scranton, C. H. Bajorek, D. A. Thompson, M. L. Williams, and R. E. Fontana	Integrated transducer-suspension assembly for vertical recording
5,560,840	K. L. Covert, K. W. Semkow, and L. J. Smith-Jimarez	Selective etching of nickel/iron alloys
5,560,934	A. Afzali, B. H. Newman, F. L. Pompeo, J. D. Gelorme, L. L. Kosbar, and S. L. Buchwalter	Cleavable di-epoxide for removable epoxy compositions
5,561,194	G. T. Spinillo, J. Dorn, K. M. Cornett, L. L. Linehan, M. C. Lawson, R. J. Smith, and W. M. Moreau	Photoresist composition including polyalkylmethacrylate co-polymer of polyhydroxystyrene
5,561,288	A. E. Stevens	A biasing voltage cancellation circuit having a plurality of switches serially connected to a capacitor
5,561,322	J. W. Wilson	Semiconductor chip package with enhanced thermal conductivity
5,561,323	F. E. Andros, J. Bupp, M. DiPietro, and R. B. Hammer	Electronic package with thermally conductive support member having a thin circuitized substrate and semiconductor device bonded thereto
5,561,368	J. K. Spong, M. M. Dovek, R. E. Fontana, and V. S. Speriosu	Bridge circuit magnetic field sensor with spin valve magnetoresistive elements and method for its manufacture
5,561,381	L. C. Jenkins and R. L. Wisnieff	Method for testing a partially constructed electronic circuit
5,561,383	D. L. Rogers	Switchable peak/average detect circuit
5,561,421	A. Zandi, B. J. Smith, M. A. Sovik, N. Y. Young, and P. S. Wang	DFSMS access method compression
5,561,456	P. S. Yu	Return based scheduling to support video-on-demand applications
5,561,457	B. J. Cragun and P. R. Day	Apparatus and method for selectively viewing video information
5,561,570	B. Hiller, E. Schreck, and W. Gill	Dynamically loaded suspension for contact recording
5,561,585	J. H. Keller, J. S. Logan, M. S. Barnes, R. E. Tompkins, and R. P. Westerfield	Electrostatic chuck with reference electrode
5,561,596	R. S. Malik and W. Hemena	AC line stabilization circuitry for high power factor loads
5,561,622	C. L. Bertin, E. L. Hedberg, G. A. Kelley, H. L. Kalter, and W. J. Howell	Integrated memory cube, structure and fabrication
5,561,630	D. Katoh, T. Kirihaata, and Y. Munehiro	Data sense circuit for dynamic random access memories
5,561,636	T. Kirihaata and Y. Watanabe	Random access memory with a simple test arrangement
5,561,637	A. Dan, B. T. Hailpern, and D. Sitaram	Pace control for multicasting in a video server environment
5,561,656	J. E. Hurst	Pulse width modulation optical disk drive with pulsed laser preheating between marks
5,561,666	J. S. Chorpenning, K. J. Christensen, K. T. Wilson, M. S. Siegel, N. C. Strole, R. Zeisz, and T. E. Stammely	Apparatus and method for determining operational mode for a station entering a network
5,561,688	R. H. Jones	Real-time digital audio compression/decompression system
5,561,689	A. E. Fleek, G. Warchocki, M. J. Bracco, R. C. Yeager, and W. O. Camp	Method and apparatus for digital carrier detection in a wireless LAN
5,561,694	G. Giacalone, J. A. Fifield, and P. Jenkins	(PF) self timed driver circuit
5,561,736	D. J. Moore and P. W. Farrett	Three dimensional speech synthesis
5,561,740	A. T. Dingankar, K. Barrett, and T. N. Le	Method and system for providing multiple instances in a single multiple-instance object
5,561,748	L. P. Chen and X. F. Niu	Enhanced solid model generation
5,561,753	J. Coulombe, S. D. Redpath, and S. F. Henshaw	Method and system for relocating selectable graphical objects in a graphical user interface environment
5,561,758	D. Winarski and M. Hocker	Tunnel icon
5,561,760	A. L. Gross, D. E. Torrens, M. E. Hill, and T. M. Ferris	System for localizing field replaceable unit failures employing automated isolation procedures and weighted fault probability encoding
5,561,781	A. L. Roberts and G. M. Bracerias	Port swapping for improved virtual multi-port SRAM performance and processing of concurrent processor access requests
5,561,785	A. J. Samodovitz and G. O. Blandy	System for allocating and returning storage and collecting garbage using subpool of available blocks
5,561,790	W. Fusaro	Improved shortest path determination processes for use in modeling systems and communications networks
5,561,797	J. Slonim, M. R. Zimowski, R. A. Gilles, R. A. Reinsch, R. D. Jackson, R. J. Grafe, and R. R. Sanders	Method for synchronizing transaction processing in a distributed heterogeneous system
5,561,798	D. J. Haderle and J. Z. Teng	Computer program product and program storage device for improving data recovery performance
5,561,803	D. Kilis	Computer program product and program storage device for incremental processing of computer objects