

Recent IBM patents

The following patents were recently issued by the countries in which the inventions were made. For U.S. patents, titles and names supplied to us by the U.S. Patent Office are reproduced exactly as they appear on the original published patent.

Federal Republic of Germany

880,317,408	S. Feger and S. Lauffer	Antispy Shield for Automatic Banking Machine
3,280,187,408	H. E. Korth	All-Solid-State Television Camera
3,576,299,308	B. Gantz, W. Bruegmann, and W. Rupper	Inclined Print Hammer for Impact Printers
3,576,900,908	D. Baehrle, F. Schwerdt, and J. H. Stehling	Process for Producing Printed Circuits
3,577,244,108	H. R. Bublitz	Method for Controlling Line Printers Comprising Revolving Type Band and a Print Hammer Bank
3,577,760,508	A. Horsch	System for Determining the Code Coverage of a Tested Program Based Upon Static and Dynamic Analysis Recordings
3,670,097,508	G. Joppien, G. Trippel, U. W. Hofmann, and W. Steiner	Method of Producing Spherical Alpha-Aluminum Oxide Particles, Aluminum Oxide Particles

France

190,370	J. Combes, J. C. Robbe, and P. Viallon	Device for Improving Detection of Unoperational States in Non-Attended Interrupt Driven Processor
199,879	G. Galand and G. Platel	A Process and System for Improving Echo Cancellation Within a Transmission Network

Switzerland

198,944	E. Stoll and E. P. Stoll	Scanning Acoustic Microscope
227,845	D. Pohl, J. K. Gimzenski, J. K. Gimzewski, P. R. Murali, and W. D. Pohl	Method and Apparatus for Controlling the Flying Height of the Head in a Magnetic Storage Unit

The Netherlands

184,587	H. F. Kuiper	Robot Operator for a Computer Terminal
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United Kingdom

121,015	J. F. Minshull and M. C. Pinnell	Presentation Space Management and Viewporting on a Multifunction Virtual Terminal
137,999	J. Oseas	Improvements in Point of Sale and Electronic Funds Transfer Systems
148,960	C. J. Holloway	Security in Data Communication Systems
199,863	B. H. Middleton and S. G. Lawrence	Visual Display Unit With Character Overstrike

United States

4,575,826	M. E. Dean	Refresh Generator System for a Dynamic Memory
4,870,539	D. A. Chance and Y.-H. Hu	Doped Titanate Glass-Ceramic for Grain Boundary Barrier Layer Capacitors

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4,876,662	J. W. Pence	Optimizing Volume Mounts in a Multidrive Environment
4,878,168	W. M. Johnson and C. G. Wright	Bidirectional Serial Test Bus Device Adapted for Control Processing Unit Using Parallel Information Transfer Bus
4,879,156	L. W. Herron, R. O. Lussow, R. W. Nufer, B. Schwartz, J. Acocella, and S. N. Reddy	Multilayered Ceramic Substrate Having Solid Non-Porous Metal Conductors
4,885,043	M. Y. Al-Jaroudi	Method for Selective Decarburization of Iron Based Material
4,886,681	J. G. Clabes, P. O. Hahn, P. S. Ho, H. Lefakis, and G. W. Rubloff	Metal-Polymer Adhesion by Low Energy Bombardment
4,887,204	D. W. Johnson, G. H. Neuman, C. H. Sauer, A. A. Shaheen-Gouda, and T. A. Smith	System and Method for Accessing Remote Files in a Distributed Networking Environment
4,888,645	J. L. Mitchell, K. L. Anderson, and G. Geortzel	Method for Encoding and Decoding a Digital Image
4,894,509	P. A. Chalco and J. C. Andreshak	Laser Assisted Heater Bar for Multiple Lead Attachment
4,894,740	D. S. Chhabra, D. L. Van, and H. S. Nishihira	Magnetic Head Air Bearing Slider
4,896,291	S. B. Gest and F. W. Wymore	Valuator Menu for Use as a Graphical User Interface Tool
4,897,154	S. N. Chakravarti, S. J. Fonash, and X.-C. Mu	Post Dry-Etch Cleaning Method for Restoring Wafer Properties
4,899,366	G. T. Davis and B. D. Mandalia	Tap Rotation N Fractionally Spaced Equalizer to Compensate for Drift Due to Fixed Sample Rate
4,899,384	W. G. Crouse and M. S. Ware	Table Controlled Dynamic Bit Allocation in a Variable Rate Sub-Band Speech Coder
4,901,820	B. M. Fry, P. Singh, J. T. Spalik, and K. D. Sweazea	Gold Tab Lubrication
4,902,234	W. L. Brodsky, W. J. Buyck, and A. D. Knight	Electrical Connector Assembly Including Pressure Exertion Member
4,902,258	J. Dunsmore and D. C. Teale	Robotic Assembly System
4,902,371	G. St. Andris and J. P. Gauci	Mask Shock Absorbing System and Method of Using the Same
4,902,899	B. J. Lin, A. M. Moruzzi, and A. E. Rosenbluth	Lithographic Process Having Improved Image Quality
4,902,916	D. R. Cecchi and N. van Phan	Identification of Defects in Emitter-Coupled Logic Circuits
4,902,957	J. C. Cassani, M. K. DeMoor, P. W. Graf, J. J. Hurd, C. D. Jones, S. F. Newton, and D. R. Thomas	DC/DC Converter
4,902,994	M. Kawamura	Deflecting Device for a Cathode Ray Tube
4,903,113	R. F. Frankeny and J. M. Rakes	Enhanced Tab Package
4,903,194	M. E. Houdek and D. O. Lewis	Storage Addressing Error Detection Circuitry
4,903,196	J. H. Pomerene, T. R. Puzak, R. N. Rechtschaffen, and F. J. Sparacio	Method and Apparatus for Guaranteeing the Logical Integrity of Data in the General Purpose Registers of a Complex Multi-Execution Unit Uniprocessor
4,903,206	N. Itoh and H. Takahashi	Spelling Error Correcting System
4,903,217	S. Gupta, L. Lumelsky, and M. Segre	Frame Buffer Architecture Capable of Accessing a Pixel Aligned M by N Array of Pixels on the Screen of an Attached Monitor
4,903,228	D. G. Gregoire, R. D. Groves, and M. S. Schmookler	Single Cycle Merge/Logic Unit
4,903,266	G. E. Hack	Memory Self-Test
4,903,296	A. N. Chandra, L. D. Comerford, and S. R. White	Implementing a Shared Higher Level of Privilege on Personal Computers for Copy Protection of Software
4,903,350	J. D. Reid, E. P. Skarvinko, and A. G. Starks	Submersible Contact Cell-Electroplating Films
4,904,506	P. A. Burnett, D. Y. Jung, R. A. Kaschak, R. H. Magnuson, R. G. Rickert, and S. L. Tisdale	Copper Deposition from Electroless Plating Bath
4,904,564	K. N. Chiong	Process for Imaging Multi-Layer Resist Structure
4,905,054	A. J. Rood	Method and Apparatus for Producing Corner-Bound Portrait and Landscape Document Sets
4,905,141	J. G. Brenza	Partitioned Cache Memory with Partition Look-Aside Table (Plat) for Early Partition Assignment Identification
4,905,171	H. G. Kiel, J. E. Remfert, and J. Van Heuklon	Workstation Controller Performance Monitor
4,905,176	R. A. Schulz	Random Number Generator Circuit
4,905,188	C.-M. Chuang, R. E. Matick, and F. T. Tong	Functional Cache Memory Chip Architecture for Improved Cache Access
4,905,297	G. G. Langdon, Jr., J. L. Mitchell, W. B. Pennebaker, and J. J. Rissanen	Arithmetic Coding Encoder and Decoder System
4,906,198	R. J. Cosimano and R. E. Tomek	Circuit Board Assembly and Contact Pin for Use Therein
4,906,803	S. M. Albrechts, F. C. Burns, G. R. Carden, W. T. Chen, A. R. Gresko, J. J. Kaufman, E. P. Skarvinko, and N. Tonsi	Flexible Supporting Cable for an Electronic Device and Method of Making Same