

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

2,853,934	W. Hehl and H. Matthaei	Print Hammer System with Spring Drive
3,176,643,908	H. Bohlen, J. Greschner, and P. Nehmiz	Shadow Projection Mask for Ion Implantation and Ion Beam Lithography
3,375,252,408	H. Bohlen, U. Behringer, W. Kulcke, and P. Nehmiz	Electron Beam Projection Lithography
3,375,266,408	D. E. Staiger	Method of and Arrangement for Generating Pulses of an Arbitrary Time Relation During Immediately Successive Assumed Pulses
3,376,036,508	H. Hinkel, U. Kuenzel, G. Kaus, and G. Schmidt	Method of Making Magnetic Head Sliders
3,376,186,808	U. Kuenzel, G. Kraus, F. Druschke, W. D. Ruh, and R. Schaefer	Method of Dry Copper Etching and Its Implementation

France

120,172	R. Kuhne and V. Riso	Bus Interface Device for a Data Processing System
146,661	D. A. Petit and M. P. Du-Pasquier	Method for Identifying a Faulty Cell in a Chain of Cells Forming a Shift Register

Sweden

128,999	F. E. Beck and A. H. Lycke	System for Supplying Tools and Materials to a Robot
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United Kingdom

46,466	R. M. Cork and D. B. Rose	A Method of Testing a Data Communication System
79,769	D. J. Barclay, W. M. Morgan, and J. M. Vigar	Electro-Deposition of Chromium and Its Alloys
85,771	D. J. Barclay and B. P. Reinhardt	Electrodeposition of Chromium and Its Alloys
147,047	D. H. Martin, F. T. Moth, and T. A. Larsen	Electrochromic Matrix Display

United States

4,724,043	A. S. Bergendahl, P. E. Cade, N. T. Gonnella, F. S. Luecke, and K. E. Petersen	Process for Forming a Master Mold for Optical Storage Disks
4,732,871	P. L. Buchmann, V. Graf, P. D. Hoh, T. O. Mohr, and P. Vettiger	Process for Producing Undercut Dummy Gate Mask Profiles for MESFETs
4,734,965	J. O. Schaefer	Automatic Wiring Network Fabricator
4,735,679	J. B. Lasky	Method of Improving Silicon-on-Insulator Uniformity
4,735,820	P. A. Agostino, S. V. Babu, and J. G. Hoffarth	Removal of Residual Catalyst from a Dielectric Substrate
4,736,290	I. M. McCallion	Microprocessors
4,736,309	P. W. Johnson and P. D. Niblett	Data Display for Concurrent Task Processing Systems

4,736,319	S. DasGupta, J. M. Hancock, J. H. Kukula, and R. E. Peo	Interrupt Mechanism for Multiprocessing System Having a Plurality of Interrupt Lines in Both a Global Bus and Cell Buses
4,736,321	J. A. Brown, J. A. Gerth, and M. T. Wheatley	Communication Method Between an Interactive Language Processor Workspace and External Processes
4,736,366	D. A. Rickard	Bus Acquisition System
4,736,369	T. P. Barzilai, R. F. Bird, J. P. Gray, B. K. Kadaba, J. B. Kalmbach, Jr., J. G. Knauth, and D. P. Pozefsky	Adaptive Session-Level Pacing
4,736,423	S. M. Matyas	Technique for Reducing RSA Crypto Variable Storage
4,736,445	S. C. Gundersen	Measure of Distinguishability for Signature Verification
4,737,419	M. M. Hilden, J.-K. J. Lee, and A. W. Wu	Overcoat for Particulate Magnetic Recording Disk
4,737,425	B. J. Lin, B.-J. L. Yang, and J.-M. Yang	Patterned Resist and Process
4,737,644	D. G. Cullum, G. J. Giuffre, T. R. Groves, W. Stickel, and M. A. Sturans	Conductive Coated Semiconductor Electrostatic Deflection Plates
4,737,836	H. O. Askin, D. E. Beaty, Jr., J. R. Cavaliere, G. Rabbat, J. Balyoz, and A. A. Sarris	VLSI Integrated Circuit Having Parallel Bonding Areas
4,737,877	S. Krongelb, L. T. Romankiw, R. A. Scranton, and D. A. Thompson	Structure to Provide Optical and Capacitive Contrast on Magnetic Recording Disk
4,737,906	L. M. Edwards	Multiple Virtual Control Unit
4,738,624	S. S. Iyer and J. M. C. Stork	Bipolar Transistor Structure with Self-Aligned Device and Isolation and Fabrication Process Therefor
4,739,252	S. D. Malaviya and D. P. Morris	Current Attenuator Useful in a Very Low Leakage Current Measuring Device
4,739,314	R. A. McCaskill, J. S. Wang, and J. T. Repass	Specifying Measurements on a Page by Pointing
4,739,317	R. E. Berry and T. M. Ruiz	Draw Graphics Capabilities
4,739,342	D. B. Dove, G. E. Keefe, and E. J. Yarmchuk	Crossed-Element Magnetographic Print Head
4,739,477	B. A. Barker and I. H. Hernandez	Implicit Creation of a Superblock Data Structure
4,740,092	S. L. Applegate, J. C. Bartlett, B. W. Damon, D. W. Holcomb, and C. P. Ravitz	Printhead Shifting for Wear Distribution
4,740,093	J. W. Malcolm	Proportional Spacing Printing Management
4,740,708	J. S. Batchelder	Semiconductor Wafer Surface Inspection Apparatus and Method
4,470,720	E. L. Newman	Integrated Injection Logic Output Circuit
4,740,783	S. G. C. Lawrence and B. H. Middleton	Visual Display Unit with Character Overstrike
4,740,893	W. Buchholz and R. M. Smith	Method for Reducing the Time for Switching Between Programs
4,740,916	D. E. Martin	Reconfigurable Contiguous Address Space Memory System Including Serially Connected Variable Capacity Memory Modules and a Split Address Bus
4,740,917	B. Denis and D. Omet	Memory Using Conventional Cells to Perform a RAM or an Associative Memory Function
4,740,927	D. C. Baker and J. S. Muhich	Bit Addressable Multidimensional Array
4,740,956	B. T. Hailpern, L. W. Hoevel, and Y. J. Thefaine	Linear-Space Signalling for a Circuit-Switched Network
4,740,968	F. J. Aichelmann, Jr.	ECC Circuit Failure Detector/Quick Word Verifier
4,743,098	J. A. Dickerson, J. C. Greeson, Jr., C. C. Kilmer, and N. M. Poley	TFT LC Display Having Polychromatic Glass Color Filters
4,743,099	J. A. Dickerson and C. C. Kilmer	Method of Making a TFT LC Display Having Polychromatic Glass Color Filters
4,743,565	G. R. Goth and S. D. Malaviya	Lateral Device Structures Using Self-Aligned Fabrication Techniques
4,743,781	H. S. Bhatia, H. J. Jones, and S. D. Malaviya	Dotting Circuit with Inhibit Function
4,743,821	S. A. Hall	Pulse-Width-Modulating Feedback Control of Electromagnetic Actuators
4,743,847	J. E. Frushour	Printed Circuit Conductor Test System
4,743,848	D. L. Krimm, W. R. Yount, and J. O. Stidham	Method of Testing a Stepping Motor
4,743,861	S. A. Jove, K. B. Klaassen, J. C. L. VanPeppen, and C. N. Vo	Frequency Response Compensation Circuit
4,743,943	L. Adams, Jr. and R. W. Gunnell	Renewable Fuser Wick
4,743,951	C.-A. Chang, L. L. Chang, L. Esaki, and E. E. Mendez	Field Effect Transistor
4,744,008	V. J. Black, R. S. Charsky, and L. T. Olson	Flexible Film Chip Carrier with Decoupling Capacitors
4,744,041	T. L. Strunk and G. S. Westerman	Method for Testing DC Motors
4,743,995	F. E. Castle, C. P. Hatchett, M. R. Hatchett, and J. S. Heath	Disk File with In-Hub Motor