

Recent IBM Patents

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

Canada

1,106,978 S. L. Dunik Data Processing System—Read Only Store

France

7,605,938 H. Nussbaumer Differential DFT Digital Filtering Device
7,610,353 G. Delarue and M. P. Verhaeghe Wideband Frequency Multiplier Particularly Adapted for Use in Badge Readers and the Like
7,836,580 F. Bigo and F. Caron Method and Device for Detecting a Pseudorandom Sequence of Carrier Phase Changes of Degree and 180 in a Data Receiver
7,836,581 D. Godard Method and Device for Detecting a Pseudorandom Sequence of Two Symbols in a Data Receiver Employing Double Sideband Quadrature

Germany

2,458,736 G. W. Koetzle Method and Arrangement for Supervising Power Supply Systems
2,622,140 F. Irro, H. von der Heyden, G. Knauff, A. Blum, H. Schoelling, and S. Richter Method of Implementing Manual Operations

Switzerland

624,516 W. Bachtold and P. Gueret Magnetic Vortex Generator with a Vortex Pool and Single Vortex Transfer

United Kingdom

2,571 B. R. Sowter and W. A. Warwick Convergence Assembly for a Cathode Ray Tube
1,591,051 D. J. Barclay and W. M. Morgan Chromium Electroplating and Its Alloys
1,593,309 B. R. Sowter and D. Roe Character Graphics Colour Display System

United States

4,280,144 J. L. Bacon Coarse Scan/Fine Print Algorithm
4,280,176 K. G. Tan Memory Configuration, Address Interleaving, Relocation and Access Control System
4,280,177 H. Schorr and I. Waldawsky-Berger Implicit Address Structure and Method for Accessing an Associative Memory Device
4,280,194 O. Voegeli Parametric Bubble Detector
4,280,197 E. S. Schlig Multiple Access Store
4,280,198 K. Heuber and S. K. Wiedmann Method and Circuit Arrangement for Controlling an Integrated Semiconductor Memory
4,280,263 H. B. Dean and B. T. Mahurin Heat Fuser Roll and Method of Manufacture
4,280,767 J. S. Heath Printing Apparatus
4,280,855 C. L. Bertin, F. H. De La Moneda, and D. A. Soderman Method of Making a Dual DMOS Device by Ion Implantation and Diffusion
4,280,918 A. M. Homola and S. L. Rice Magnetic Particle Dispersions
4,281,032 B. M. Escott, J. J. Reynolds, and W. C. Ward Method for Coating Mold
4,281,057 E. E. Castellani, I. M. Croll, A. T. Pfeiffer, and L. T. Romankiw Variable Pre-Spin Drying Time Control of Photoresists Thickness
4,282,043 C.-A. Chang Process for Reducing the Interdiffusion of Conductors and/or Semiconductors in Contact with Each Other
4,282,540 T. H. Ning, C. M. Osburn, and H. N. Yu FET Containing Stacked Gates
4,282,646 A. G. Fortino, H. J. Geipel, Jr., L. G. Heller, and R. Silverman Method of Making a Transistor Array
4,283,249 L. M. Ephrath Reactive Ion Etching
4,283,259 R. L. Melcher, L. T. Romankiw, and R. J. von Gutfeld Method for Maskless Chemical and Electrochemical Machining
4,283,620 H. Drescher, H. Imbusch, and H. H. Lampe Arrangement for Determining the Length of Arbitrary Shift Registers
4,283,640 R. R. Konian and J. L. Walsh All-NPN Transistor Driver and Logic Circuit

4,283,662	F. Ainscow and E. D. Anwyl	Line Scan Circuits for Cathode Ray Tube Displays
4,283,771	H. Chang	On-Chip Bubble Domain Relational Data Base System
4,283,775	M. S. Cohen	Contiguous Disk Bubble Storage
4,283,789	J. L. Monrolin and P. Vachee	Data Transmission Method and Devices for Practicing Said Method
4,284,001	K. L. Leontiades	Head Image Generator for a Matrix Printer
4,284,362	T. Jackson, C. D. Malkemes, and W. L. Zipoy	Printer Control Logic
4,284,363	J. M. Choberka and D. K. Rex	Data Matrix Print Head
4,284,701	J. J. Abbott, S. R. Fuller, and P. D. Jachimiak	Electrophotographic Toner of Specific Size Distribution
4,284,706	N. J. Clecak, B. D. Grant, and C. G. Wilson	Lithographic Resist Composition for a Lift-Off Process
4,285,017	N. K. Arter, F. E. Hauke, and J. A. Weber	Stripe Following in a Helical Scan Device
4,285,018	R. B. Mulvany and T. R. Patel	Disk File
4,285,064	G. D. Hodge	TDMA Satellite Communication System
4,285,512	M. F. Shlatz	Document Feed Device
4,285,591	A. J. Botte, J. H. Hubbard, and P. R. Spivey	Computer-Controlled Copy Production Machine Having Job Separation Capabilities
4,285,604	D. K. Rex	Ribbon Shield for Printer
4,285,605	E. R. Lloyd and R. M. Marowski	Escapement Mechanism and a Backspace Mechanism for a Moving Paper Carriage Typewriter having Dual Pitch Capability
4,285,761	J. J. Fatula, Jr. and S. Roberts	Process for Selectively Forming Refractory Metal Silicide Layers on Semiconductor Devices
4,286,179	R. R. Konian and J. L. Walsh	Push Pull Switch Utilizing Two Current Switch Circuits
4,286,181	A. M. Guzman and H. E. Van Winkle	Stepping Motor for Rotary Device
4,286,202	D. E. Clancy, R. F. Frankeny, and G. P. Olson	Electronic Damping of Stepper Motor
4,286,256	G. G. Langdon, Jr. and J. J. Rissanen	Method and Means for Arithmetic Coding Utilizing a Reduced Number of Operations
4,286,275	M. Heiblum	Semiconductor Device
4,286,296	E. A. Cunningham	Transducer Positioning System
4,286,297	R. R. Root, M. W. Warner, and R. B. Watrous	Suspension for Flying Magnetic Head
4,286,298	H. O. Rinkleib	Preloaded Head Arm Assembly
4,286,321	D. C. Baker, D. F. Bantz, and C. J. Evangelisti	Common Bus Communication System in Which the Width of the Address Field is Greater than the Number of Lines on the Bus
4,286,322	R. L. Hoffman, W. G. Kempke, J. W. McCullough, F. G. Soltis, and R. T. Turner	Task Handling Apparatus
4,286,329	G. Goertzel, C. G. Powell, and S. C. Tseng	Complex Character Generator