

Recent IBM Patents

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

Canada		
0,906,204	Method and Apparatus for Surface Flatness Measurement	<i>J. Docherty</i>
France		
7,102,569	Voice Synthesis Process and Device for Implementing the Same	<i>P. Debacker and A. Nemeth</i>
7,104,512	Process for Carrying Out, on a Data Processing Machine, a Program Written for Another Machine	<i>A. Loevenbruck</i>
7,104,513	Non-linear Distortion Device in Particular, for Voice Synthesizer	<i>D. Esteban and P. Austruy</i>
7,107,548	Binary Multiplication Device	<i>E. Esteban</i>
7,107,549	Delta-coded Signal Adder	<i>C. Jacquart</i>
7,107,551	Communication Process and System and Telephone Exchange Systems Therefore	<i>E. Gorog</i>
7,108,190	A Digital MFR Implementation	<i>P. Batheret, D. Hurel, H. Nussbaumer and J. Paturet</i>
7,108,191	Improvements in Signal Eliminating Circuits	<i>A. His and J. Miche</i>
Germany		
1,764,014	Circuit for Simulating a Semiconductor Diode Having Improved Simulation Characteristics over Orthodox Semiconductor Diodes	<i>W. Luetze</i>
Switzerland		
0,526,865	Laser	<i>P. Dieter</i>
0,527,547	Method of Information Transmission with Priority Scheme in a Time-division Multiplex Communication System Comprising a Loop Line	<i>I. Jones, H. Mueller, D. Wild and P. Zafropulo</i>
0,528,197	Housing for Electroacoustic Transducer	<i>W. Baechtold</i>
United Kingdom		
1,271,620	Pattern Recognition Systems	<i>G. E. Bartholomew, D. J. Kostuch and T. E. Robinson</i>
1,275,533	Display Device for a Data Processing System	<i>E. Chamberlain, J. V. Pike and D. M. Syme</i>
1,275,535	Improvements in Data Processing Apparatus	<i>A. Dubinsky</i>
United States		
3,688,866	Noise Muffler for Magnetic Tape Vacuum Column	<i>N. Kong</i>
3,688,867	Acoustically Improved Blower Package	<i>V. W. Antonetti, G. C. Maling, Jr., A. L. Pascuzzo and R. E. Wise</i>
3,689,378	Process and Apparatus for Measuring pH	<i>G. W. Neff, C. J. Sambucetti and J. E. Tomko</i>
3,689,747	Digital Evaporation Monitor System	<i>V. DiMilia, A. Halperin and M. A. Koblenz</i>
3,689,803	Integrated Circuit Structure Having a Unique Surface Metallization Layout	<i>T. H. Baker and D. Tuman</i>
3,689,899	Run-length-limited Variable-length Coding with Error Propagation Limitation	<i>P. A. Franaszek</i>
3,689,902	Cylindrical Magnetic Domain Decoder	<i>H. Chang, G. E. Keefe, Y. S. Lin and L. L. Rosier</i>
3,690,760	Electrostatic Printing System	<i>W. K. Banks and J. L. Lyon</i>
3,690,921	Method for Strongly Adhering a Metal Film on Ceramic Substrates	<i>G. V. Elmore</i>
3,691,290	Deletable Conductor Line Structure	<i>J. Napier</i>
3,691,295	Two-way Communication System for Video and Digital Data	<i>D. E. Fisk</i>
3,691,300	Tone Controlled Dictation Apparatus	<i>M. P. Langendorf</i>
3,691,540	Integrated Magneto-resistive Sensing of Bubble Domains	<i>G. S. Almasi, H. Chang, G. E. Keefe and D. A. Thompson</i>
3,691,543	Positioning System Including Servo Track Configuration and Associated Demodulator	<i>F. E. Mueller</i>
3,691,694	Wafer Polishing Machine	<i>F. E. Goetz and J. R. Hause</i>
3,691,864	X-Y Rotational Positioning System	<i>T. J. Cochran, H. K. Hazel and W. G. Rance, Jr.</i>
3,691,947	Hammer Control for Chain Printer	<i>N. C. Berglund and G. H. Petricka</i>
3,691,993	Apparatus for Transferring Developed Image	<i>K. A. Krause and Y. Moradzadeh</i>
3,692,397	Optical Character Generator	<i>F. Schedewie</i>
3,692,936	Acoustic Coordinate Data Determination System	<i>J. S. Moffitt</i>
3,693,032	Antisaturation Technique for TTL Circuits	<i>J. R. Winnard</i>
3,693,057	Monolithic Circuits with Pinch Resistors	<i>S. K. Wiedmann</i>
3,693,059	Capacitive Coupling Switch and Actuator	<i>R. H. Harris</i>

3,693,087	Dual Acting Probe with Extractor/Guide	<i>J. E. Adams, E. J. DiStefano and A. E. Enderley</i>
3,693,152	Error Detection Circuit for Decoders	<i>S. J. Hong</i>
3,693,160	Apparatus for Controlling the Cycle Steals Required by a Chain Printer Under CPU Control	<i>K. W. Swearingen</i>
3,693,165	Parallel Addressing of a Storage Hierarchy in a Data Processing System Using Virtual Addressing	<i>F. A. Reiley and J. T. Richcreek</i>
3,693,775	Actuator for Elastic Diaphragm Switch Keyboard	<i>K. A. Brooks, L. L. Johnson and J. A. Mathewson</i>
3,694,070	Copying System Featuring Scanning Illumination Elements	<i>E. L. Libby</i>
3,694,238	Gravure Printing Process and Apparatus Using Moisture-setting Inks	<i>M. J. Tinghitella and K. E. Roon</i>
3,694,606	Elastic Diaphragm Switch Actuator	<i>R. H. Harris and L. H. Sedaris</i>
3,694,725	Stepping Motor Control System Using Pulse Injection	<i>D. G. Abraham and J. P. Pawletko</i>
3,694,726	Combined Transformer and Inductor Device	<i>J. R. Cielo and H. S. Hoffman, Jr.</i>
3,694,807	Character Segmentation Using Pattern Measurements, Error Rescan and Adaptive Font Determination	<i>M. F. Bond and J. F. Shatford</i>
3,694,813	Method of Achieving Data Compaction Utilizing Variable-length Dependent Coding Techniques	<i>L. S. Loh, J. H. Mommens and J. Raviv</i>
3,695,741	Minature Disc Dictation Machine Featuring Integral Disc Storage	<i>W. L. Dollenmayer</i>
3,695,855	Doped Electrical Current-carrying Conductive Material	<i>N. G. Ainslie, G. Cheroff, W. S. Graff, J. K. Howard and R. F. Ross</i>
3,695,879	Hologram Life Extension	<i>F. P. Laming, S. L. Levine and G. T. Sincerbox</i>
3,695,886	High Speed Azide Resists	<i>N. J. Clecak, R. J. Cox and W. M. Moreau</i>
3,696,285	Inverter Circuits Utilizing Minority Carrier Injection in a Semiconductor Device	<i>J. Saia</i>
3,696,312	Cyclotron Resonance Devices Controllable by Electric Fields	<i>L. Kuhn, V. Sadagopan and R. T. Tsui</i>
3,696,341	Signal Analysis	<i>R. Z. Watts and R. L. Weiss</i>
3,696,343	Method of Merging Data on a Two Tape Drive System	<i>P. C. Schloss</i>
3,697,318	Monolithic Integrated Structure Including Fabrication Thereof	<i>I. Feinberg, J. L. Langdon and C. L. Sittler</i>
3,697,342	Method of Selective Chemical Vapor Deposition	<i>J. J. Cuomo</i>
3,697,343	Method of Selective Chemical Vapor Deposition	<i>J. J. Cuomo and R. A. Laff</i>
3,697,595	Conjugated Nitro Amines	<i>N. J. Clecak and R. J. Cox</i>
3,697,678	Method and System for Selective Display of Images from a Video Buffer ...	<i>J. G. Belleson</i>
3,697,697	Communication by Smooth High Order Composites of Trigonometric Prod- uct Functions	<i>L. M. Audretsch, Jr. and M. Elsner</i>
3,697,707	Card Position Sensing Apparatus	<i>K. B. Williams</i>
3,697,852	Transistor Switching Regulator	<i>C. G. Gerbitz</i>
3,697,948	Apparatus for Correcting Two Groups of Multiple Errors	<i>D. C. Bossen</i>
3,697,949	Error Correction System for Use with a Rotational Single-error Correction, Double-error Detection Hamming Code	<i>W. C. Carter, K. A. Duke and D. C. Jessep, Jr.</i>
3,697,951	Pattern Recognition by Multiple Associative Transformations	<i>G. E. Bartholomew, D. J. Kostuch, T. E. Robinson and W. S. Rohland</i>
3,697,962	Two Device Monolithic Bipolar Memory Array	<i>W. F. Beausoleil, I. T. Ho, T.-S. Jen and W. D. Pricer</i>
3,697,980	Isolated Digital-to-analog Converter	<i>S. Boindiris and G. A. Hellwarth</i>
3,698,072	Validation Technique for Integrated Circuit Manufacture	<i>J. C. Koens and R. D. Merillat</i>
3,698,947	Process for Forming Monocrystalline and Poly	<i>B. M. Kemlage and H. B. Pogge</i>
3,699,029	Anticorrosive Electrophoretic Coating Process	<i>H. F. Bell, D. J. Lazzarini and L. K. Schultz</i>
3,699,296	Catastrophically Buckling Compression Column Switch and Actuator	<i>R. H. Harris</i>
3,699,304	Electron Beam Deflection Control Method and Apparatus	<i>E. C. Baldwin, Jr. and W. R. Wrenner</i>
3,699,312	Code Scanning System	<i>J. E. Jones and P. V. McEnroe</i>
3,699,323	Error Detecting and Correcting System and Method	<i>H. J. Reinheimer</i>
3,699,344	Optical Pulse Communication System using a Pseudo-random Sequence for Synchronization	<i>E. M. Rutz</i>
3,699,350	Radiant Energy Mark Sensor	<i>D. O. Holdaway</i>
3,699,362	Transistor Logic Circuit	<i>P. V. Jordan</i>
3,699,386	Firing Circuit for Gas Discharge Tubes	<i>J. J. Lentz</i>
3,699,447	Wideband Frequency Modulation Communications System	<i>W. T. Frost</i>
3,699,482	Surface Waveguiding in Ceramics by Selective Poling	<i>E. A. Ash and S. C.-C. Tseng</i>
3,699,526	Program Selection Based Upon Intrinsic Characteristics of an Instruction Stream	<i>J. L. Iskiyan, J. M. Waddell and D. L. Way</i>
3,699,530	Input/Output System with Dedicated Channel Buffering	<i>R. S. Capowski, R. M. Unterberger, and L. R. Horsman</i>

3,699,536	Low Cost Raster Scanned Data Consolidation	<i>D. C. Roberts</i>
3,699,566	Delta Coder	<i>H. R. Schindler</i>
3,700,150	Method and Apparatus for Fracturing Metal	<i>R. E. Cheney</i>
3,700,328	Magnetic Brush Cleaning System	<i>R. V. Davidge, H. C. Locklar, J. C. Ralston and R. T. Ritchie</i>
3,700,498	Process for Making Electrophotographic Plates	<i>K. K. Kanazawa, H. Seki and G. B. Street</i>
3,700,820	Adaptive Digital Communication System	<i>H. L. Blasbalg, J. H. Hayase, R. C. Crutchfield, Jr. and H.F. Najjar</i>
3,700,859	Programmable Key and Lock	<i>G. J. Laurer and R. O. Skatrud</i>
3,700,872	Radix Conversion Circuits	<i>F. T. May</i>
3,700,873	Structured Computer Notation and System Architecture Utilizing Same	<i>E. F. Yhap</i>
3,700,922	Fast Acting Turn-off Circuit	<i>A. Furman</i>
3,701,023	Phase Jitter Extraction Method for Data Transmission Systems	<i>Y. Fang</i>
3,701,039	Random Binary Data Signal Frequency and Phase Compensation Circuit	<i>P. C. Lang, A. N. LaPine and J. E. Vaughn</i>
3,701,099	Dynamic Discrimination Reference Level Generator for a Parallel Channel Optical Document Scanner	<i>R. E. Hall and L. P. Segar</i>
3,701,105	Central Processing Unit in Which all Data Flow Passes Through a Single Arithmetic and Logic Unit	<i>E. D. Finnegan, L. R. Harper, N. S. Mitrofanoff and A. C. Slutman</i>
3,701,108	Code Processor for Variable-length Dependent Codes	<i>L. S. Loh, J. H. Mommens and J. Raviv</i>
3,701,111	Method of and Apparatus for Decoding Variable-length Codes having Length-indicating Prefixes	<i>J. Cocke, J. H. Mommens and J. Raviv</i>
3,701,125	Self-contained Magnetic Bubble Domain Memory Chip	<i>H. Chang and E. R. Genovese</i>
3,701,148	Analog to Digital Converter	<i>A. H. Frei</i>
3,701,610	Suspension System for Holding a Slider	<i>W. S. Buslik and A. S. Chou</i>
3,701,659	Photolithographic Masks of Semiconductor Material	<i>V. Y. Doo, J. Regh and D. K. Seto</i>
3,701,886	Method of Representing Data Codes with Equal Width Bar and Device for Reading Same	<i>J. E. Jones</i>
3,701,892	Parity Checked Shift Register Counters	<i>W. C. Carter and P. R. Schneider</i>
3,701,931	Gold Tantalum-nitrogen High Conductivity Metallurgy	<i>M. Revitz and J. M. Thompson</i>
3,702,006	Method for Balancing the Utilization of Input/Output Devices	<i>J. B. Page</i>
3,702,007	Table Driven Program	<i>R. A. Davis, II</i>