

Recent IBM Patents

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

France

7,014,717	Process for Synthesizing Electronical Filtering Functions and Devices for Implementing the Same	<i>D. J. Esteban and D. G. Hurel</i>
7,110,278	Process and Device for Distributing a Periodical Signal	<i>J. D. Colas, R. Leblanc and H. Schiesser</i>
7,110,484	Improvements to Digital Filters	<i>D. J. Esteban</i>

Germany

MR03882	Portable Order Entry Terminal	<i>W. Fischer and F. Wotzka</i>
MR03884	Electronic Data Processing System	<i>W. Fischer, W. Seydel and F. Wotzka</i>

Sweden

0,346,888	D.C. Isolating Terminal	<i>U. K. Klose</i>
0,346,889	Method and Device for Pulse Detection	<i>U. K. Klose and M. A. Enser</i>

Switzerland

0,529,446	Self-Registering Masking Method	<i>R. F. Broom</i>
0,530,939	Preparation of Pure and Doped Metal Sulfide Crystals and Layers	<i>H. J. Scheel</i>

United Kingdom

1,276,969	Magnetic Disc Record Drive Apparatus	<i>J. C. Davy and J. S. Heath</i>
1,278,220	Indicating Circuit	<i>R. J. Llewelyn and R. W. Taylor</i>
1,281,387	Two-State Associative Arrays	<i>P. L. Gardner</i>

United States

3,702,042	Abrading Apparatus	<i>T. J. Cochran, C. P. Coughlin, W. W. Ficker, C. V. Lent and J. M. Sullivan</i>
3,702,263	Process for Electrolessly Plating Magnetic Thin Films	<i>D. W. Hall, J. A. Lindholm, L. T. Romankiw and A. F. Schmeckenbecher</i>
3,702,273	Etching Compositions and Method for Etching Cu and Ni Based Metals at a Uniform Rate	<i>H. K. Johnston II and T. L. Larson</i>
3,702,464	Information Card	<i>P. P. Castrucci</i>
3,702,467	Shaft Position Sensing Device	<i>G. Melnyk</i>
3,702,926	FET Decode Circuit	<i>J. K. Picciano and J. Zauchner</i>
3,703,420	Lateral Transistor Structure and Process for Forming the Same	<i>M. B. Vora</i>
3,703,705	Multi-Channel Shift Register	<i>A. M. Patel</i>
3,703,853	Compact Fluid Actuator and Method of Making It	<i>D. J. Steger</i>
3,704,015	Apparatus and Method for Mounting Cards on a Web	<i>C. H. Holovka, Jr., B. Demchyshyn and J. F. McHugh</i>
3,704,166	Method for Improving Adhesion Between Conductive Layers and Dielectrics	<i>J. J. Cuomo, A. F. Mayadas and R. Rosenberg</i>
3,704,211	Process for Electroplating Magnetic Films for High Density Recording	<i>S. L. Phillips</i>
3,704,278	Anionic Doped Divalent Europium Chalcogenides	<i>M. W. Shafer</i>
3,704,363	Statistical and Environmental Data Logging System for Data Processing Storage Subsystem	<i>O. E. Salmassy and R. E. Sullivan</i>
3,704,384	Monolithic Capacitor Structure	<i>R. R. DeSimone and R. H. Linton</i>
3,704,416	Sequential Sampling System	<i>B. J. Elliott and J. L. Staples</i>
3,704,452	Shift Register Storage Unit	<i>W. R. Beausoleil, D. T. Brown and W. A. Clark</i>
3,704,453	Catenated Files	<i>W. W. Blackwell, J. G. Earle, J. J. O'Connell, E. B. Pierce and J. E. Shabe</i>
3,704,512	Unitary Electro-optic Device Making Process	<i>A. R. Siegel</i>
3,705,118	Process for Forming a Microporous Cellular Polymide	<i>O. R. Abolafia, J. A. Butora and M. T. Orinik</i>
3,705,263	Scan Converter Multiplexing System	<i>L. E. Rittenhouse</i>
3,705,264	Remote Digital Data Terminal Circuitry	<i>J. D. Harr</i>
3,705,333	Adjustable Active Clamp Circuit for High Speed Solenoid Operation	<i>L. V. Galetto and D. A. Ramsey</i>
3,705,357	Morphic Exclusive-or Circuits	<i>W. C. Carter, D. C. Jessep, Jr. and A. B. Wadia</i>
3,705,370	Magnetically Actuated and Restored Print Hammer	<i>H. D. Chai, S. H. Mills, J. P. Pawletko, F. E. Peters and C. T. Young</i>

3,705,393	Superconducting Memory Array Using Weak Links	<i>W. Anacker and H. H. Zappe</i>
3,705,409	Tableau Network Design System	<i>R. K. Brayton, F. G. Gustavson and G. D. Hachtel</i>
3,705,413	Video Strip File and System	<i>D. H. Cronquist</i>
3,705,419	Silicon Gate FET-Niobium Oxide Diode-Memory Cell	<i>J. H. Bleher, C. S. Chang and R. C. Dockerty</i>
3,706,127	Method for Forming Heat Sinks on Semiconductor Device Chips	<i>S. Oktay and A. F. Schmeckenbecher</i>
3,706,238	Apparatus and Method for Converting Rotary to Harmonic Reciprocating Motion	<i>O. D. Johnson</i>
3,706,370	Conveyor System	<i>E. J. Bonafino, F. W. Doolittle, C. U. Hayes and J. C. Yarrington</i>
3,706,426	Container with Brake for Enclosed Reel	<i>M. E. Prahl</i>
3,706,475	Air Slides	<i>C. Yakubowski</i>
3,706,491	Fuser Roll Cleaning Method and Apparatus for Performing It	<i>R. S. Furman and J. F. Zimmer</i>
3,706,597	Glass Vapor Deposition on Surfaces of Semiconductor Elements	<i>P.-C. Li and P. J. Tsang</i>
3,706,612	Process for Etching Silicon Nitride	<i>M. D. Palmer</i>
3,706,857	Disk Cartridge with Rotatably Adjustable Head	<i>J. J. Lynott</i>
3,706,887	Optical Card Reader	<i>L. R. Bickford and J. O. Nicholson</i>
3,706,891	A. C. Stable Storage Cell	<i>N. M. Donofrio and R. H. Linton</i>
3,706,926	Method and Apparatus for Testing Batch Fabricated Magnetic Heads during Manufacture Utilizing Magnetic Fields Generated by Other Magnetic Heads	<i>S. M. Barrager, G. Bate and S. H. Smith</i>
3,706,973	Dynamic Keyboard Data Entry System	<i>E. W. Acquadro and D. F. Monahan</i>
3,706,974	Interface Multiplexer	<i>R. L. Patrick and P. L. Rickard</i>
3,706,977	Functional Memory Storage Cell	<i>J. R. Dailey and H. C. Kuntzleman</i>
3,706,978	Functional Storage Array	<i>J. R. Dailey and H. C. Kuntzleman</i>
3,706,979	Cassette Driven by Either Vacuum Bins or Pinch Rollers	<i>J. M. Tagawa and H.-L. Tiao</i>
3,707,452	Elongated Electrode and Target Arrangement for an RF Sputtering Apparatus and Method of Sputtering	<i>W. C. Lester, C. Nuccio and E. S. Ward</i>
3,707,455	Measuring System	<i>D. B. Derr, G. W. Neff and C. J. Sambucetti</i>
3,707,656	Transistor Comprising Layers of Silicon Dioxide and Silicon Nitride	<i>D. DeWitt</i>
3,707,725	Program Execution Tracing System Improvements	<i>J. L. Dellheim</i>