

Patents Recently Issued to IBM Inventors

June and July 1967

June 1967

3,323,436	Method and Apparatus for Development of Film	C. H. Hafer and C. A. Plante
3,323,793	Apparatus for Generating Timing Signals from a Random Starting Time .	E. A. Brown
3,323,912	Indium-Bismuth-Gold Alloys	F. J. Bolda, J. T. Gulliksen, A. E. Oldaker and R. F. Ross
3,324,985	Encoder	L. E. Palmer, J. O. Schaefer and R. J. Young
3,325,394	Magnetic Control of Film Deposition	E. Kay and A. P. Poenisch
3,325,676	Electrostatic Writing and Printing Device Using an Electrostatic Actuator .	R. J. Wohl
3,325,703	Oscillator Consisting of an Esaki Diode in Direct Shunt with an Impedance Element	R. F. Rutz
3,325,785	Efficient Utilization of Control Storage and Access Controls Therefor . . .	W. Y. Stevens
3,325,788	Extrinsically Variable Microprogram Controls	F. J. Hackl
3,325,793	Capacitive Noise Cancellation in a Magnetic Memory System	Q. W. Simkins and N. G. Vogl, Jr.
3,325,796	Apparatus for Reducing Magnetic Tape Inter-Record Gap	W. B. Otto and B. E. Cunningham
3,325,803	Deflection Control Circuit	F. R. Carlock and W. R. Lamoureux
3,325,882	Method for Forming Electrical Connections to a Solid State Device Including Electrical Packaging Arrangement Therefor	C. Chiou and J. R. Garcia
3,326,227	Pulse Powered Fluid Device with Flow Asymmetry Control	A. E. Mitchell
3,326,348	Variable Indexing Apparatus	W. O. Cralle, Jr. and R. D. Mathews
3,326,627	Ferromagnetic Intermetallic Compounds and Method of Preparation . . .	F. Holtzberg and S. J. Methfessel
3,326,717	Circuit Fabrication	L. V. Gregor and P. White
3,326,730	Preparing Group II-VI Compound Semiconductor Devices	G. Mandel, F. F. Morehead, Jr., J. A. Kucza and W. N. Hammer
3,326,820	Arc Process for Forming High Melting Point Compounds	J. J. Cuomo and R. J. Gambino
3,327,063	Transmission of Information in Power Coded Bipolar Waveforms	W. R. Remley
3,327,117	Cancer Cell Detector Using Two Wavelengths for Comparison	L. A. Kamentsky
3,327,119	Method and Apparatus for Detecting Cancer Cells	L. A. Kamentsky
3,327,130	Tunnel Diode Polarity Inverter	A. J. Gruodis
3,327,131	Current Control System	R. C. Grimmer
3,327,241	Pulse Signal Amplifier Bootstrap Action	G. L. Clapper
3,327,295	Magnetic Transfer Circuit	W. E. Proebster
3,327,297	Magnetic Memory Element	I. M. Croll
3,327,827	Pneumatic Actuator for Keyboard Operated Machine	J. C. Lambiotte
3,327,916	Vacuum Controlled Air Film	J. A. Weidenhammer, R. A. Barbeau, D. K. Close, K. B. Day, Jr. and E. J. Wroblewski
3,328,095	Axially Adjustable Bearing Support	A. S. Newselski and B. W. Wittwer
3,328,195	Magnetic Recording Medium with Two Storage Layers for Recording Different Signals	G. H. May
3,328,523	Scanning Apparatus	R. C. Treseder and K. A. Belser
3,328,543	Pneumatic Switch	R. P. Johnston and R. R. Schaffer
3,328,563	Optical Coincidence Readout in Information Storage and Retrieval	E. P. Kollar
3,328,643	Cooling Device for Electronic Components	R. C. Chuu, S. N. Kochis and H. Mayron
3,328,658	Systems for Controlling Stepper Motor Starting and Stopping Operations .	L. J. Thompson
3,328,759	Simplified Partial Double Error Correction Using Single Error Correcting Code	G. A. Blaauw and S. W. Dunwell
3,328,765	Memory Protection System	G. M. Amdahl, E. D. Councill, R. J. Flaherty and J. J. Zagursky
3,328,767	Compact Data Lookup Tables	G. H. Ottaway
3,328,768	Storage Protection Systems	G. M. Amdahl, R. J. Carnevale, A. F. Collins, E. R. Marsh and A. E. Villante
3,328,770	Address Register	A. G. Silver
3,328,771	Priority Sequence Control	G. A. Blaauw, W. V. Wright and R. H. Larson
3,328,772	Data Queuing System with Use of Recirculating Delay Line	H. R. Oeters
3,328,777	Electron Beam Readout of Thermoplastic Recording	D. M. Hart
3,328,785	Transfluxor Memory Employing Common Read Write Circuits	H. A. Cloud

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3,329,379	Mounting of a Transducer	<i>E. R. Solyst</i>
3,329,474	Digital Light Deflector Utilizing Co-Planar Polarization Rotators	<i>T. J. Harris and E. Shapiro</i>
3,329,831	Electronic Ring Circuit Comprising Plurality of First and Second Switching Means Driven by Overlapping A.C. Waveforms	<i>P. P. Abramson and P. H. Chin</i>
3,329,907	Multi-Frequency Relaxation Oscillator and Timing Circuit	<i>L. A. Helgeson and F. E. Mueller</i>
3,330,752	Method and Apparatus for Cathode Sputtering Including Suppressing Temperature Rise Adjacent the Anode Using a Localized Magnetic Field.	<i>R. L. Hallen and R. M. Valletta</i>
3,330,973	Bi-Polar Transient Detector	<i>G. L. Clapper</i>
3,331,053	Format Control for Disk Recording	<i>A. M. Gindi</i>
3,331,061	Drive-Sense Arrangement for Data Storage Unit	<i>M. P. Marcus</i>
3,331,690	Development of Diazotype Papers Without a Coupler	<i>G. W. Pope, F. R. Clarke and G. R. Jurich, Jr.</i>
3,331,912	Component with Standoff and Method of Making Same	<i>A. A. Stricker and W. J. Walker</i>
3,332,066	Core Storage Device	<i>W. E. Burns and Q. E. Correll</i>
3,332,068	System for Transferring Data to a Number of Terminals	<i>J. A. McLaughlin, H. G. Hoehmann and L. E. Rickard</i>
3,332,528	Article Handling Mechanism	<i>G. J. Spillman</i>
3,332,632	Wire Wrapping Device	<i>H. T. Johnston, Jr.</i>
3,333,083	Method of Welding Stranded Wire	<i>D. R. Brunstetter and A. W. Rzent</i>
3,333,146	Opto-Electronic Device	<i>F. H. Dill, Jr. and K. L. Konnerth, Jr.</i>
3,333,205	Timing Signal Generator with Frequency Keyed to Input	<i>J. R. Featherston</i>
3,333,225	Connector	<i>R. D. McNutt</i>
3,333,226	Torsion Bar Electrical Connector	<i>R. C. Donnelly</i>
3,333,243	Detection and Correction of Transposition Errors	<i>A. Hambrgen</i>
3,333,246	Delay Line Clock	<i>J. R. King, C. M. Pietras and W. H. Richard</i>
3,333,248	Self-Adaptive Systems	<i>H. J. Greenberg and L. P. Horwitz</i>
3,333,249	Adaptive Logic System with Random Selection, for Conditioning, of Two or More Memory Banks Per Output Condition, and Utilizing Non-Linear Weighting of Memory Unit Outputs	<i>G. L. Clapper</i>
3,333,251	File Storage System	<i>J. G. Brenza, P. O. Crawford, Jr., A. A. Kusnick and O. R. La Maire</i>
3,333,253	Serial-to-Parallel and Parallel-to-Serial Buffer-Converter Using a Core Matrix	<i>R. J. Sahulka</i>