

Patents Recently Issued to IBM Inventors

August and September 1967

August 1967

3,333,326	Method of Modifying Electrical Characteristic of Semiconductor Member	<i>J. E. Thomas, Jr. and D. R. Young</i>
3,333,669	Tabulation Rack	<i>J. O. Schaefer</i>
3,333,985	Process for Fabricating Reproducible Photoconductors	<i>M. Berkenblit, G. Cherooff, F. Hochberg and A. Reisman</i>
3,334,304	Asynchronous Character Generator for Successive Endpoint Definition	<i>R. J. Fournier and L. F. Winter</i>
3,334,720	Selection Mechanism in Which One Select or Plate Provides Selection in Plural Directions	<i>J. E. Hickerson</i>
3,334,721	Printing Structure Having Plural Type Wheels	<i>J. E. Hickerson</i>
3,334,785	Air Flow Control and Cell Deflector Blade System with Direct Access Matrix File	<i>W. L. Grabowski, B. Junge and E. H. Storm</i>
3,335,038	Methods of Producing Single Crystals on Polycrystalline Substrates and Devices Using Same	<i>V. Y. Doo</i>
3,335,293	Threshold Logic Circuit with Quasi-Linear Current Summing	<i>T. B. Horgan</i>
3,335,340	Combined Transistor and Testing Structures and Fabrication Thereof	<i>F. Barson and W. E. Mutter</i>
3,335,659	Print Hammer Drive Mechanism for High Speed Printers	<i>G. H. Schacht and E. Spieth</i>
3,335,755	High-Speed Pneumatic Switch	<i>T. J. Harris and J. I. Aweida</i>
3,336,467	Simultaneous Message Framing and Error Detection	<i>A. H. Frey, Jr.</i>
3,336,561	Electrical Connection Means	<i>S. E. Whiting</i>
3,336,582	Interlocked Communication System	<i>W. F. Beausoleil, J. D. Calvert and A. Padegs</i>
3,336,587	Display System with Intensification	<i>C. J. Brown</i>
3,337,159	Pneumatic Isolation Buffer	<i>H. G. Hoehmann, B. Junge and J. L. Lyon</i>
3,337,365	Electrical Resistance Composition, and Method of Using the Same to Form a Resistor	<i>A. H. Mones</i>
3,337,766	Selective Beam Positioning of a Flying Spot Scanner with Error Correction	<i>D. L. Malaby</i>
3,337,855	Transmission Control Unit	<i>W. H. Richard, L. A. Mitta, E. Loizides, D. Mackie, J. R. Carthew and L. T. O'Connor, Jr.</i>
3,337,856	Non-Destructive Readout Magnetic Memory	<i>G. Bate, J. R. Morrison and D. E. Speliotis</i>
3,337,860	Display Tracking System	<i>A. C. O'Hara, Jr.</i>
3,337,861	Data Transfer Device	<i>L. R. Harper</i>
3,337,941	Recycle Control Circuit for a Chip Positioning Machine	<i>J. G. Drop</i>
3,338,256	Flow Sensing Valve	<i>H. A. Panissidi</i>
3,338,512	Left Zero Insertion Feature	<i>D. B. Fitzpatrick and N. E. Greene</i>
3,338,678	Method and Apparatus for Growing Crystals	<i>K. Weiser and S. E. Blum</i>
3,338,850	Fumaric Acid-Rosin Adduct/Polyester Varnish Moisture-Set Ink Vehicle and Ink Compositions	<i>J. D. Sbarra and P. Chebiniak</i>
3,339,022	Transistor Circuit for Receiving Data Pulses	<i>P. Abramson, G. R. Stilwell, Jr. and A. X. Widmer</i>
3,339,073	Sonic Laser Modulator with Mode Suppression Produced by External Modulation	<i>L. P. Hunter</i>
3,339,145	Latching Stage for Register with Automatic Resetting	<i>O. L. MacSorley</i>
3,339,151	Beam Deflecting Lasers	<i>W. V. Smith</i>
3,339,157	Phase Locking Start Circuit for a Variable Frequency Oscillator	<i>B. C. Fiorino</i>
3,339,165	Magnetic Switching Device	<i>R. L. Garwin</i>
3,339,177	Data Consolidation System Employing Cell Grouping with a Plurality of Scans within Each Cell	<i>W. W. Hardin</i>
3,339,178	Video Clipping Circuit Adjustable by Digital Feedback	<i>W. W. Hardin</i>
3,339,179	Pattern Recognition Preprocessing Techniques	<i>G. L. Shelton, Jr. and L. P. Horwitz</i>
3,339,182	Optimum Result Computer	<i>L. P. Horwitz and R. M. Karp</i>
3,339,191	Core Driver Test Apparatus	<i>C. F. Weiss, Jr.</i>

September 1967

3,339,268	Frame Fabrication Method	<i>J. M. Adams and J. A. White, Jr.</i>
3,339,695	Repeat Mechanism for Printing Device	<i>L. E. Palmer</i>
3,339,704	Chip Orientation Sensor	<i>K. Clark, E. J. Creighton, J. G. Drop and G. R. Santillo, Jr.</i>
3,339,993	Magnetic Strip Storage Cells	<i>D. L. Stoddard</i>
3,340,101	Thermoforming of Metals	<i>D. S. Fields, Jr., D. L. Mehl and B. F. Addis</i>
3,340,388	Latched Carry Save Adder Circuit for Multipliers	<i>J. G. Earle</i>

3,340,438	Encapsulation of Electronic Modules	R. R. Dion, J. A. Benenati, R. E. Morris and C. P. Coughlin
3,340,515	Data Buffering for Time Related Measured Data Transmitted Asynchronously	J. G. Little
3,340,516	Master-Slave Net Control	W. P. Harbour, Jr., R. A. Kolpek and T. L. Musto
3,340,518	Magnetic Head Structure	J. S. Hanson
3,340,786	High Pressure Ammonia Development Device	E. H. Storm
3,341,070	Record Member Guide Device	F. R. Hertrich
3,341,276	Random Access Motion Picture Film	M. P. Prater
3,341,375	Fabrication Technique	F. Hochberg and A. Reisman
3,341,442	Method of Cathode Sputtering Including Cleaning by Ion Bombardment Wherein an Article to be Coated is Subjected to Canal Rays	E. Kay
3,341,472	Photoconductors and Method of Making the Same	W. A. Hewett and A. H. Sporer
3,341,667	Magnetic Transducer with Single Piece Core	E. A. Brown and G. H. Schacht
3,341,767	Power Inverter Utilizing Controlled Resonant Commutation	J. R. Cielo
3,341,795	Force Transducer	E. G. Newman, R. R. Smith and K. H. Stokes
3,341,818	Plural Line Scanner	D. Mackie, L. A. Mitta, L. T. O'Connor, Jr. and W. H. Richard
3,341,824	Unit Unavailability Detector for a Data Processing System	W. P. Wissick and O. L. MacSorley
3,341,854	Modulating Magnetic Record Transfer Means	E. J. Supernowicz
3,341,937	Crystalline Injection Laser Device Manufacture	F. H. Dill, Jr.
3,342,371	Document Retrieval System	R. K. Wilmer
3,342,393	Storage Devices	L. Licht, D. E. Brickl and B. H. Indergard
3,342,546	Process for Controlling the Preparation of Binary Compounds	A. Reisman and M. Berkenblit
3,342,591	Ferromagnetic Compounds and Method of Preparation	R. J. Gambino, F. Holtzberg and S. J. Methfessel
3,342,618	Thermographic Copying Material	W. L. Peticolas
3,342,632	Magnetic Coating	G. Bate, D. E. Speliotis and J. R. Morrison
3,342,633	Magnetic Coating	G. Bate, D. E. Speliotis and J. R. Morrison
3,342,652	Chemical Polishing of a Semi-Conductor Substrate	A. Reisman and R. L. Rohr
3,342,983	Parity Checking and Parity Generating Means for Binary Adders	S. H. Pitkowsky and R. B. Godfrey
3,343,035	Superconducting Electrical Power Transmission Systems	R. L. Garwin
3,343,049	Semiconductor Devices and Passivation Thereof	W. H. Miller and F. Barson
3,343,131	Printer Control Apparatus Including Code Modification Means	E. M. Bloom, Jr. and V. J. Faidley
3,343,134	Multiple Section Retrieval System	K. D. Foulger and A. G. Silver
3,343,135	Compiling Circuitry for a Highly Parallel Computing System	C. V. Freiman and H. Hellerman
3,343,141	Bypassing of Processor Sequence Controls for Diagnostic Tests	F. J. Hackl
3,343,145	Diffused Thin Film Memory Device	B. I. Bertelsen
3,343,150	Light Capsule and Display System	R. J. Orchard
3,343,174	Magnetic Annealing for Information Storage	O. Kornei
3,343,256	Methods of Making Thru-Connections in Semiconductor Wafers	M. G. Smith and E. Stern
3,343,481	Fluid-Actuated Translating and Printing Means	G. A. Giannuzzi and D. W. Haney
3,343,559	Apparatus for Controlling Changes in Air Pressure in an Unknown Volume and Pressure Air System	F. A. Goplen and G. R. Willis
3,343,851	Card Documents	R. A. Bensler, Sr. and R. W. Mitchell
3,344,231	Digital Facsimile System Employing Run-Length Encoding and Variable Scan Rate to Provide Reduced Bandwidth	P. D. Dodd and G. F. Grometer
3,344,261	Division by Preselected Divisor	L. M. Hornung
3,344,289	Nuclear Battery	R. D. Knight
3,344,321	Magnetostrictive Delay Line Driver	J. W. Sumilas
3,344,399	Segmentation Method and Apparatus	R. E. Bonner
3,344,402	Multiple Section Search Operation	K. D. Foulger and A. G. Silver
3,344,403	File Selection System	K. D. Foulger and J. J. Harmon
3,344,405	Data Storage and Retrieval System	J. L. Craft, E. R. Floto, J. W. Newitt and H. J. Smith, Jr.
3,344,406	Sampled Data Reduction and Storage System	A. W. Vinal
3,344,410	Data Handling System	A. F. Collins, J. E. Greene, H. R. Jensen, M. J. Kelly, E. R. Marsh and F. M. Powell