

Recently Issued Patents Assigned To IBM

August and September 1965

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Apparatus for Growing Crystals	V. J. Lyons	3,198,606
Process for Spin Coating Objects	P. D. Kimball and E. R. Blome	3,198,657
Sound Analyzing System	W. C. Dersch	3,198,884
Light-Sensitive Glow Discharge Apparatus	H. F. Martin	3,198,980
Feedback Means for Systems Having Reactive Loads	J. O. Cooney, Jr.	3,199,019
Character Identification Device	J. E. Gaffney, Jr. and A. A. Kusnick	3,199,078
Memory System	L. H. Haibt	3,199,082
Computer with Table Lookup Arithmetic Unit Feature	W. H. Rhodes, J. G. Brenza and W. D. Winger	3,199,085
Latching Circuit	H. R. Foglia	3,199,087
Computer Controlled File Protect	E. D. Barkhuff, H. E. Childs, F. A. Schultz and D. N. Streeter	3,199,091
Multi-Stage Binary-Coded-Decimal to Decimal Conversion Means Having Parallel Input and Serial Output	E. G. Nassimbene	3,199,099
Overprinting Apparatus for Printing a Character and an Accent	F. W. Schaaf	3,199,446
Hammer with Dampening Means for High Speed Printer	E. A. Brown and G. H. Schacht	3,199,650
Counter Correcting Apparatus	R. N. Eichorn	3,199,780
Byte-Converter Error-Check Circuit	J. K. Crawford and C. M. Pietras	3,200,242
Tunnel Diode Switching Circuit	I. G. Akmenkalns	3,200,257
Dynamic Compression Circuit with Controlled Clipping	G. L. Clapper	3,200,344
Pulse Train Producing Apparatus	M. F. Ritchey	3,200,351
Error Detection and Correction System	A. Hambrun	3,200,372
Data Input/Output Device	R. W. King	3,200,378
Regenerative Switching Circuit	D. F. Busch	3,200,382
Digital Phase-Displacement Reduction Combination	R. S. Haines, G. Bate and J. W. Wenner	3,200,386
Data Registering Device	J. P. Harris	3,201,038
Feedback Conditioned Coincident Pulse Responsive Bistable Circuits	D. H. Chung and P. M. Marino	3,201,608
Data Input Device	M. J. Kelly	3,201,759
Method for Effecting Superconductive Connections	G. J. Kahan	3,201,850
Method of Encapsulating Liquids	G. F. Sachs and H. Nack	3,202,533
Method of Forming a Thin Film Grid	R. E. Thun and E. S. Wajda	3,202,543
Electrodeposition of Cobalt Phosphorus Alloys	H. Koretzky	3,202,590
High Mobility Photoconductor Sintered Shapes and Process for their Preparation	A. Reisman, M. Berkenblit, G. Cheroff and F. Hochberg	3,202,609
Photosensitive Asynchronous Information Handling System	R. Rice and R. H. Terlet	3,202,823
Magnetic Core Ring Circuit	G. E. Olson	3,202,831
Superconductive Circuit	C. J. Bertuch, N. H. Meyers and H. Sobol	3,202,833
Frequency Discriminating Circuit	C. O. Pingry, III and G. W. Hobgood	3,202,834
Encapsulated Circuit Card	J. L. Sterling	3,202,879
High Sensitivity Hall Effect Probe	J. C. Marinace	3,202,913
Low Cost Autotransformer	J. L. Anderson	3,202,949
Cryogenic Memory System	H. F. Heath, Jr.	3,202,964
Electronic Calculator	S. W. Dunwell, C. E. Stephens, W. R. Stringfellow and V. D. Winkler	3,202,969
Scatter Read/Write Operation Using Plural Control Words	R. Rice	3,202,970
Data Processing System Programmed by Instruction and Associated Control Words Including Word Address Modification	G. A. Blaauw	3,202,971
Message Handling System	T. S. Stafford and G. D. Granito	3,202,972
Marking Device for Dictating Machine	W. L. Dollenmayer	3,203,000
Method and Apparatus for Forms Splicing	R. N. Eichorn and C. Holovka, Jr.	3,203,322
Character Comparators	H. M. Sierra	3,204,221
Magnetic Memory	V. T. Shahan and W. L. Shevel, Jr.	3,204,227

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Proportional Space Recording Devices	R. T. Blakely	3,204,540
Facsimile Transmission System	E. A. Quade	3,205,302
Multiplexing and Communication System with Highly Damped Gated Signal Generator	D. H. Rumble	3,205,311

Two Terminal Device Switching Circuit Employing a Single Clock	E. J. Slobodzinski	3,205,371
Rotational Synchronizing System	M. J. Raffensperger	3,205,418
Cathode Ray Tube Having Resistor Deflection Control	C. Lumpkin, Jr.	3,205,488
Analog-to-Digital Conversion Means	S. G. Francisco	3,205,490
Transporting and Protecting Cases for Drum and Disk Records	T. G. Leary	3,206,214
Pulse Signal AGC Circuitry	G. R. Santana	3,206,689
Sequence Indicating Circuits	W. L. Stahl	3,206,724
Analog to Digital Converter	W. R. Maclay	3,206,740
Record Card Processing Machine	G. F. Nielsen, L. A. Wilson and D. K. Rex	3,207,505
Tunnel Diode and Process Therefor	P. L. Baron, U. Cocca and R. W. Hamaker	3,207,635
Current Responsive Device	C. P. Fort	3,207,874
Electronic Circuit for Complementing Binary Coded Decimal Numbers	T. C. Broce	3,207,888
Single Channel NRZI Detection Circuit	A. Brunschweiler	3,207,915
Logic Circuits	A. J. Wolterman	3,207,918
Pulse Controlled Current Driver Circuit	R. N. Conklin and R. J. Major	3,207,919
Three-Level Inverter and Latch Circuits	A. J. Gruodis and W. H. McAnney	3,207,922
Electrical Connector	R. T. Evans and E. C. Uberbacher	3,208,030
Magnetic Core Matrix Switch	J. K. Shortle and R. A. Rowley	3,208,043
Magnetic Core Matrix Switch	N. G. Vogl, Jr.	3,208,044
Electronic Digital Computing Machines with Priority Interrupt Feature	T. Kilburn and D. B. G. Edwards	3,208,048
Synchronous Transmitter-Receiver	C. R. Doty, Sr., V. H. Cackowski, G. Evanick, R. J. Smith and L. A. Tate	3,208,049
Data System with Aperiodic Synchronization	R. C. Bird and T. S. Stafford	3,208,050
Format Control for Disk Recording	J. E. Applequist and W. G. Dye	3,208,057
Alternating Advance and Backspace Tape Drive	L. W. Brehm and W. F. Morgan	3,208,058
Electro-Optic Light Coupling of Optical Fibers	A. H. Nethercot, Jr.	3,208,342
Paper Feed Mechanism for Typewriter	M. B. Emig	3,208,575
Method and Apparatus for Depositing Films of Refractory Metal Oxides and Refractory Metals	I. Ames and R. G. Simmons	3,208,873
Fast Switching Diodes	R. L. Anderson	3,208,887
System for Multiple Output of Spoken Messages	W. K. French	3,209,074
Computer Circuit for Performing Serial Addition and Subtraction	L. R. Harper	3,209,131
Serial Binary Adder-Subtractor	W. L. McDonald	3,209,132
Tunnel Diode Shift Registers	G. W. Neff and H. S. Yourke	3,209,158
Normally Oscillating Circuit with Non-Oscillating State Determined by a Conditionable Isolated Time Delay Circuit	S. A. Butler, R. J. Sahulka and H. S. Yourke	3,209,168
Cryogenic Current Regulating Circuit	D. R. Young	3,209,172
Heterojunction Triode	L. Esaki	3,209,215
Period-to-Rate Converter Having Means for Summing Capacitor Discharge Curves	G. E. Edgington and C. E. McCarthy, Jr.	3,209,251
Transmission Systems	D. L. Critchlow	3,209,261
Gated Oscillator with Variable Amplitude Control	G. L. Clapper	3,209,283
Connector Operating Devices	E. C. Uberbacher	3,209,302
Connector Latching Device	E. C. Uberbacher	3,209,303
Error Detecting and Correcting Circuit	W. E. Brandt	3,209,327
Adaptive Recognition System for Recognizing Similar Patterns	R. E. Bonner	3,209,328
Data Processing Apparatus	E. Estrems	3,209,329
Data Processing Apparatus Including an Alpha-Numeric Shift Register	S. A. Bonomo	3,209,330
Data Control Apparatus	O. E. Arnold and G. J. Watkins	3,209,331
Balanced Magnetic Memory Drive and Sense Conductors for Cancelling Unwanted Field Effects	L. A. Russell	3,209,333
Non-Destructive Read-Out Memory Element	R. C. Paulsen and P. J. Lima	3,209,334
Magnetic Memory Array	W. L. Shevel, Jr.	3,209,335
Magnetic Matrix Memory System	D. J. Crawford	3,209,337
Record Positioning Apparatus	C. O. Pingry, III	3,209,340
Gray Code Generator	A. Cutaia	3,209,347