

October and November 1964

Recent IBM Patents

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Self-Teaching Device	J. C. Sinex	3,151,403
High Speed Printer with Magnetostrictive Impression Members	M. Preisinger	3,151,543
Web Feeding Device	L. D. Lipschutz	3,151,796
Apparatus for the Development of Electrostatic Images	R. M. Schaffert	3,152,012
Resist Composition of Polyisobutylene, Polyethylene and Polymerized Cyclopentadiene Dimer in Hydrocarbon Solvent	J. Durand	3,152,097
Transfer Circuit for Controlling Data Transfer from Adder to Accumulator	W. N. Carroll, R. W. Emery and J. J. Moyer	3,152,262
Logic Circuits with Inversion	H. L. Ergott, Jr., S. G. Linardos and R. T. O'Connell	3,152,264
Proportional Pulse Expander	G. L. Clapper	3,152,267
Character Recognizer	G. H. Swift, Jr.	3,152,318
Self Repairing Electrical Signal-Translating System	R. J. Domenico and R. A. Henle	3,152,320
Interlocked Open Keyboards with Electric Restoring	G. H. May	3,152,759
Monitor-Converter System	H. Hellerman	3,153,142
Arithmetic Unit Sequence Control Circuit	G. Ord	3,153,223
Torsion Rod Cover Support	K. V. Bostwick	3,153,255
Tape Handling Mechanism	R. M. DeLoof and L. M. Cooper	3,153,516
Missing Feed Hole Circuit	C. L. Kaminski and F. I. Gewickey, Jr.	3,153,721
Table Look-Up System	E. R. Marsh	3,153,775
Heat Developable Light Sensitive Diazo Compositions Containing Dicyandiamide	C. M. Aebi and F. W. Haining	3,154,417
Luminescent Germanium Dioxide Compositions	J. C. Marinace and N. N. Winogradoff	3,154,502
Asynchronous Logical Systems for Digital Computers	M. E. Homan	3,154,675
Change Adder	L. R. Harper	3,154,676
Transistor Exclusive OR Logic Circuit	H. Fleisher	3,154,691
Data Transmitting Apparatus Employing Switches and Diodes to Selectively Transmit Pulses of Desired Polarity	A. X. Widmer and P. Abramson	3,154,697
Speed Control of a D. C. Motor	R. J. Houldin and M. S. Bilsback	3,154,730
Double Trigger Composed of Binary Logic Elements	G. A. Maley	3,154,744
Skew Indicator	J. C. Morphet, Jr.	3,154,762
Core Storage Matrix	H. Bornhauser	3,154,763

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Print Hammer Drive Mechanism	R. D. Nelson and D. K. Rex	3,155,033
Three Level Converter	A. J. Gruodis, L. K. Lange and W. H. McAnney	3,155,845
Coded Paper Tape to Magnetic Tape Translator	R. L. Taylor	3,155,940
Tunnel Erase Magnetic Transducer	W. E. Tibbetts	3,155,949
Resilient Recording Disk	R. E. Marrs	3,155,977
Magnetic Eraser	H. J. Kump	3,156,784
Three-Level Asynchronous Switching Circuit	J. L. Walsh	3,156,830
Sense Circuits Employing Tunnel Diodes or the Like	H. A. Cloud, P. B. Flagg and W. K. Mead	3,156,833
Bi-Directional Memory and Gate Synchronizing Circuit for a Variable Frequency Oscillator	A. A. Verdibello	3,156,874
Constant Amplitude, Variable Frequency Sawtooth Generator	B. C. Fiorino and A. Brunschweiler	3,156,875
Visual Character Inspection System	E. C. Greanias	3,156,894
Data Processing System with Look Ahead Feature	R. J. Bahnsen and J. F. Dirac	3,156,897
Data Storage System	R. E. Cummins	3,156,906
Electromechanical System	W. R. Maclay	3,156,912
Record Eccentricity Detector and Centering Arrangement for Recording Machines	D. H. Cronquist and R. C. Treseder	3,156,918
Electromagnetic Transducer Head	D. E. Rutter	3,156,919
Capstan Wire Handler	W. P. Shaw	3,156,969
Print Interlock for Typewriter	L. E. Palmer	3,157,265
Paper Actuated Bail	W. L. Dollenmayer	3,157,266
Memory Device	M. K. Haynes	3,157,778
Core Matrix Calculator	H. W. Cochrane	3,157,779

Pulse Train Sensing Circuitry	W. N. Carroll	3,157,780
Multi-State Photoconductive Logic Circuits	R. H. Terlet	3,157,791
Exclusive-OR Photoresponsive Logical Circuits	P. R. Low and R. Rice	3,157,792
Magnetic Core Logical Circuits	A. A. Kahn	3,157,794
Printed Memory Circuit	C. H. Stapper, Jr. and L. E. La Fave	3,157,857
Core Driver Checking Circuit	J. V. Beatley	3,157,860
Wear Resistant Pressure Pad	W. S. Buslik	3,157,868
Apparatus for Printing by Means of an Electron Beam	J. D. Kuehler	3,157,879
Liquid Applicator	N. J. Blazensky, Jr. and R. L. Buckingham	3,158,080
Document Retrieval System	R. K. Wilmer	3,158,287
Spark Development of Photosensitive Vesicular Print Material	J. L. Adkisson, P. Betts and C. L. Donelson	3,158,480
Double Injection Semiconductor Device	H. N. Yu	3,158,754
Phase Shift Semiconductor Apparatus	R. Taylor	3,158,760
Specimen Identification Apparatus and Method	H. B. Baskin	3,158,840
Data Processing System	R. R. Bowdle	3,158,844