

July through September 1960

Recent IBM Patents

July 1960

Printed Data Storage Interpreter	F. M. Demer	2,943,564
Binary Adder Using Transformer Logical Circuits	R. A. Henle and M. L. Wood	2,943,791
Apparatus for Making Magnetic Recordings	A. H. Dickinson	2,943,907
Xerographic Printer	W. D. Bolton	2,944,147
Pulse Counting and Checking Apparatus	M. R. Cannon	2,944,189
Signal Translating Apparatus	E. C. Greanias	2,944,217
Oscillators	G. D. Bruce and R. L. Eibsen	2,944,225
Magnetic Storage and Switching Structure	H. C. Kuntzleman	2,944,249
Test Scoring Machine	H. F. Martin	2,944,734
Logical Computing Device	M. E. Maron and J. W. Haanstra	2,944,738
Magnetic Storage Systems	T. Kilburn and G. R. Hoffman	2,945,214
Combined Gun Equilibrator and Elevation Cylinder	L. Bruehl	2,946,262
Gun Equilibrator	L. Bruehl	2,946,263
Hydraulic Cylinder and Piston	L. Bruehl	2,946,316
High Speed Tape Punch	J. E. Lisinski	2,946,381
Accounting Machine	H. S. Beattie, T. L. Buley and B. M. Muenzer	2,946,504
Indicator	C. J. Fitch	2,946,954
Transformer Redundancy Checking Circuit	C. L. Christiansen, Jr.	2,946,962
Comparison Circuits	C. R. Borders and J. W. Toner	2,946,983
Magnetic Core Buffer Storage	W. M. McMillan, R. W. Lowrie and E. J. Raser	2,946,985
Communications System	D. A. Harrison	2,946,986

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Roll Spacing for a Card Punch Mechanism	J. E. Hawxhurst	2,947,358
Electronic Calculator	J. J. Lentz, J. H. Palmer and D. Robbins	2,947,478
Process for Converting Glow Discharge Tubes to Photoelectric Tubes	J. P. Hammer	2,947,590
Toll Highway Recorder	W. F. Henry and J. J. Purcell	2,947,591
Method of Manufacturing Printed Circuits	B. I. Bertelsen	2,947,625
Silver Niobate Ferroelectric Materials	F. Holtzberg	2,947,698
Signal Translating Apparatus	J. D. Allen, Jr.	2,947,808
Impulse Distributor	E. Estrems and M. Papo	2,947,865
Transistor Power Inverter Circuit	R. A. Henle and J. B. Mackay	2,947,879
Transistor Saturation Control	J. L. Anderson	2,947,880
Transistor Trigger Circuits	W. W. Chou	2,947,882
Automatic Clipping Circuit	C. J. Brown	2,947,975
Switch Core Matrix	E. Bloch	2,947,977
Alternating Pulse Servo System	W. Leathers, F. J. Furman and H. A. Panissidi	2,948,193
Discrete Positioning Mechanism	M. E. Freeman	2,948,264
Electrical Storage Apparatus	F. C. Williams and T. Kilburn	2,948,830
Perforating Apparatus	C. F. Abissi	2,949,292

Cryogenic Converter	J. W. Crowe	2,949,602
Copyholder	S. B. Tibbling	2,949,886
Computer for Verifying Numbers	H. P. Luhn	2,950,048
Analogue-to-Digital Precision Integrator	L. A. Knox	2,950,052
Coaxial Magnetic Printing Head	W. J. Rueger	2,950,161
Manganese Chromium Ferrite Composition	J. M. Brownlow	2,950,252
Test Apparatus for Crystal Diodes	C. G. Gerbitz and N. H. Decker	2,950,439
Electronic Data Processing Machine	P. E. Fox, J. E. Bartelt, D. J. Crawford and N. Rochester	2,950,465
Multiple Section Memory	H. Hoffman	2,950,467
Printing Directory	J. J. Hagopian	2,950,672
Method for Applying a Uniform Coating to a Cylindrical Body	D. D. Johnson	2,950,990
Apparatus for Storing Trains of Pulses	F. C. Williams	2,951,176
Printed Wiring Assembly	E. R. Wyma	2,951,184
Circuit for Alternately Energizing Two Electromagnetic Devices	W. E. Dickinson	2,951,186
Tape Control Circuits	L. D. Amdahl, B. L. Havens, J. Jeanel, K. E. Schreiner, J. P. Cedarholm and N. F. Eichenberger	2,951,232
Magnetic Storage Device	E. A. Quade	2,951,241

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Record Device	L. F. Herte	2,951,304
Printing Unit for a High Speed Printer	G. Stutz and O. Barthruff	2,951,439
High Speed Punch	W. W. Woodbury, G. J. Toben and N. A. Vogel	2,951,534
Floating Decimal System	W. K. Lind	2,951,637
Record Feeding Devices	R. B. Johnson, O. F. Moneagle, T. D. Koranye, H. A. Jurgens and M. P. Prater	2,951,699
Pulse Integrator Quantizer with Single Reset	H. C. Kuntzleman and J. G. Simek	2,951,949
Variable Pulse Width Control	G. L. Clapper	2,951,950
High Frequency Gated Trigger	G. L. Clapper	2,951,952
Inverter Circuit	Z. T. Dearden	2,951,953
Record Actuated Timing and Checking Means	G. E. Mitchell and C. W. Allen	2,952,008
Magnetic Recording and Reproducing System	F. M. Demer, W. W. Dodge and N. S. Stockdale	2,952,010
Spline Joint	H. E. Thompson	2,952,145
Universal Logic Block	E. F. Yhap	2,952,792
Electronic Digital Computing Machines	A. St. Johnston	2,952,837
Automatic Optical Tabulating System	W. C. Dersch	2,953,231
Spring Clutch Mechanism	E. J. Lenney	2,954,108
Check Digit Monitoring and Correcting Circuits	K. E. Schreiner, L. D. Amdahl and B. L. Havens	2,954,164
Method of Preparation of Single Crystal Ferroelectrics	S. Triebwasser	2,954,300
Semiconductor Impurity Diffusion	V. J. Lyons	2,954,308
Permanent Magnetic Materials	M. W. Shafer	2,954,346
Controlled End of Record Device	R. A. Barbeau and D. K. Close	2,954,435
Monostable Multivibrator	W. L. Jackman	2,954,528
Selector for a Multiple Track Record of a Magnetic Memory System	H. E. Singhaus	2,954,547