

February and March 1965

Recent IBM Patents

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Card Positioning and Guiding Mechanism	R. E. Schopp, A. S. Chou and C. E. Spurrier . . .	3,168,309
Data Compression Apparatus	W. C. Foin, R. A. Gregory, F. B. Hartman and R. A. Trachy	3,168,723
Fluid Control Apparatus	L. R. Adams and B. J. Greenblott	3,168,897
Radiation Actuated Binary Counter System and Circuits Therefor	T. I. Ress	3,169,190
Square Wave Pulse Generator	A. J. Lavin and W. J. Wheeler	3,169,203
Hydrodynamically Air Lubricated Magnetic Tape Head	H. K. Baumeister and V. Nejezchleb	3,170,045
Error Correction Device Utilizing Spare Substitution	J. H. Griesmer, J. P. Roth and E. G. Wagner	3,170,071
Data Processing Machine	M. M. Astrahan, B. Housman, H. L. Kurkjian and B. L. Sarahan	3,170,142
Cryogenic Memory System with Internal Information Exchange	M. K. Haynes	3,170,144
Memory System	M. K. Haynes	3,170,145
Wide-Record Narrow-Read Magnetic Head	F. L. Rogers, Jr.	3,171,107
Relay Sequence Testing Circuit	R. S. Sanford	3,171,111
Automatic Programmer	R. A. Butler, R. H. Cadwallader, J. J. Isole, Jr. and G. Park	3,171,114

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Measuring Device	F. J. Kurtz	3,171,205
Drive and Brake System Employing Metallic Coated Rollers and a Roller of Elastomeric Polymeric Material	R. S. Haines	3,171,520
Ribbon Feed Mechanism	J. B. O'Daniel and L. E. Palmer	3,171,530
Process of Forming Latent and Visible Images in Refractive Image Films	W. L. Peticolas	3,171,743
Method of Forming Latent and Visible Vesicular Refractive Image Films	W. L. Peticolas and U. Vahtra	3,171,744
Method of Making a Printed Circuit and Base Therefor	J. H. Marshall	3,171,756
Particular Masking Configuration in a Vapor Deposition Process	J. C. Marinace	3,171,761
Method of Forming an Extremely Small Junction	R. F. Rutz	3,171,762
Pulse Former Using Photoconductive Switches	R. H. Terlet	3,171,964
Amplitude Bistable Circuits	C. L. Heizman	3,171,971
Tunnel Diode Latching Circuit	J. W. Dieffenderfer	3,171,974
Condition Responsive Pulse Generator	C. J. Hoffman	3,171,976
Clock Pulse Generation and Distribution Circuit	A. J. Wolterman	3,171,981
Passive Analog Holding Circuit	R. E. Bonner, W. G. Spruth and W. P. Margopoulos	3,171,986
Electrolytic Memory	G. Constantine, Jr.	3,172,083
Transformer Matrix System	F. R. Durgin	3,172,087
Magnetic Recording Device	G. A. Fisher	3,172,114
Tape Slitting Mechanism	J. T. Gulliksen and F. J. Bolda	3,173,326
Sheet Handling Apparatus	B. F. David and R. L. Dimenna	3,173,681
Process of Making Microcapsules	Z. Reyes	3,173,878
Leader Sheet Identification	J. M. Cunningham	3,174,029
Coordinated Tape Feed and Photosensitive Sensing Mechanism Logical Device	G. A. Giannuzzi	3,174,047
Voltage Switch with Regulated Output Current.	R. C. Paulsen and A. A. Kahn	3,174,049
Pulse Shaper and Differentiator	D. Wortzman	3,174,054
Bilateral Current Driver	G. L. Clapper	3,174,055
Amplitude Discriminator	M. P. Xylander	3,174,058
Signal Muting Circuit for Data Transmission Systems	B. E. Aldridge and J. B. Newman, Jr.	3,174,061
Keyboard Controlled Signal Transmitter for Multiplex System	L. C. Berzinski, Jr., R. J. Byrners and C. E. Ruoff.	3,174,102
Magneto-Optical Recording and Readout Device	D. R. Spencer	3,174,132
Magnetic Code Translator	J. J. Hagopian and E. J. Supernowicz	3,174,140
Magnetic Drum	D. F. Busch	3,174,145
Proportional Space Matrix Printer	W. R. Maclay	3,174,152
Ejector Device	R. L. Taylor	3,174,427
	C. L. Barcia and H. A. Khoury	3,174,645

Column Selector	R. F. Scully	3,174,683
Infrared Emitting Phosphors	L. Suchow	3,174,939
Photoconductor Material and Stabilization Thereof at Low Temperature	G. Cheroﬀ, F. Hochberg and A. Reisman	3,175,091
Tunnel Diode Controlled Magnetic Triggers	S. A. Butler and D. L. Critchlow	3,175,096
Non-Linear Resonant Apparatus	K. E. Schreiner	3,175,164
Inhibitor Logic Arrays	R. E. Miller and J. P. Roth	3,175,197
Information Storage Apparatus	T. Kilburn	3,175,199
Data Storage Apparatus.	G. R. Hoffman and J. A. Turner	3,175,200
Magnetic Storage Elements	J. C. Slonczewski	3,175,201
Data Tracking System	R. P. Auyang.	3,175,205
Document Copier	R. J. Lahr	3,175,481
High Speed Print Hammer	A. S. Athens and R. D. Nelson	3,175,486
Sheet Driving and Aligning Mechanism	C. A. Albosta	3,175,824
Film Strip or Chip Picking Mechanism	C. C. Roshon	3,175,855
Noise Analyzer	D. H. Rumble	3,176,070
Parallel Connected Two Terminal Semiconductor Devices of Different Negative Resistance Characteristics.	S. L. Miller	3,176,147
Ring Counter Checking Circuit	J. G. Croad, Jr.	3,176,269
Data Storage Apparatus.	A. D. Lin, D. D. Willard and D. D. Johnson	3,176,279
Portable Memory for Data Processing Machine	R. E. Pattison	3,176,281