

Patents Recently Issued to IBM Inventors

April and May 1968

April 1968

3,376,035	Electromagnetic Transducer Manufacture	G. Bate and J. R. Morrison
3,376,157	Method of Preparing Transparent Ferromagnetic Single Crystals	C. F. Guerri and M. W. Shafer
3,376,206	Electrolyte for the Electrodeposition of Palladium.	G. J. Kahan and D. W. Hall
3,376,385	Synchronous Transmitter-Receiver	R. J. Smith and L. A. Tate
3,376,424	Optical Positioning Device in Combination with Multiple Reflecting Plural Spherical Mirrors.	N. Braslau and W. A. Hardy
3,376,436	Precision Digital Delay Circuit	H. W. Hines and A. R. Johnson
3,376,480	Analog Storage Device	C. A. Walton
3,376,551	Magnetic Writing Devices	J. W. Armbruster
3,376,556	Storage Reference Priority in a Data Processing System	P. J. Hasbrouck, C. R. Holleran, L. E. King and W. P. Wissick
3,376,963	Clutch with Impact Inertia Brake	J. O. Schaefer
3,377,428	Voiced Sound Detector Circuits and Systems	W. C. Dersch
3,377,518	Magnetostrictive Delay Line Driver	J. K. Radcliffe
3,377,566	Voltage Controlled Variable Frequency Gunn-Effect Oscillator	C. Lanza
3,377,579	Plural Channel Priority Control.	W. P. Wissick and J. M. Litz
3,377,618	Arrangement for Identifying Freight Cars	W. C. Dersch
3,377,619	Data Multiplexing System	E. R. Marsh, A. A. Magdall and F. R. Rausch
3,377,624	Memory Protection System.	R. A. Nelson, I. T. Ellis and L. M. Haiht
3,377,625	Digital Communication System.	R. F. Filipowsky
3,377,688	Capping Apparatus	K. W. Beumer
3,378,677	Serial Divider	D. E. Waldecker and L. C. Higby, Jr.
3,378,741	Digital Coarse and Fine Stepping Motor Control Using an Encoder for Coarse Position.	J. S. Sutton
3,378,765	Device for the Direct Measurement of Capacitance	M. Hilsenrath and T. J. McGurn
3,378,821	Magnetic Thin Film Memory Apparatus with Elongated Aperture.	H. G. Leilich
3,378,824	Non-Destructive Readout Memory Employing Biaxial Anisotropy.	H. J. Oguey
3,378,827	Direct Access Data Storage	F. R. Hertrich
3,379,539	Chemical Plating	R. S. McGrath and N. W. Silcox
3,379,553	Continuous Tone Development Method for Xerographic Printing	M. W. Dowley
3,380,025	Microprogrammed Addressing Control System for a Digital Computer	T. Ragland
3,380,030	Apparatus for Mating Different Word Length Memories.	R. F. McMahon
3,380,070	Electrostatic Head	P. Betts and E. T. Eiselen
3,381,089	Data Transmission Apparatus	R. L. Delaney, D. F. Foreman and G. L. Laurer
3,381,090	Balanced Line Driver	C. E. Dorrell and G. J. Laurer
3,381,117	Minimal Pin Multipurpose Logic Circuits	D. C. Forslund and R. Waxman
3,381,140	Power Amplifier Utilizing Cross-Coupled Current Switches.	J. L. Walsh
3,381,232	Gated Latch	G. E. Hoernes and G. A. Maley
3,381,241	Circuit for Resonant Charging of Reactance in Response to Data Source	C. F. Haugh
3,381,274	Recognition Systems	E. A. Quade and R. W. Weeks
3,381,282	Core Matrix Winding Pattern	R. J. Flaherty, H. J. Hallstead, R. L. Judge, R. L. Vaudrueil, J. W. Wyckoff and C. J. Schug
3,381,290	Function Generator System	E. J. Breitenbach, R. J. Gundrum and D. J. Hinklein

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3,381,810	Ribbon Package and Packaging Method	D. J. Lasher and F. Y. Wills
3,382,047	Preparing Large Single Crystalline Bodies of Rare Earth Chalcogenides	F. Holtzberg and S. Methfessel
3,382,079	Electroless Ni-Fe Deposition Process	J. D. Olsen and L. T. Romankiw
3,382,338	Push Button Actuator for Elastomeric Switch.	P. Arseneault, S. U. Blaskovic and L. G. Lankford
3,382,348	Electrostatically Driven Analog Device	Y. M. Hill

3,382,361	Method of and Apparatus for Charging a Thermoplastic Record Medium to Prevent Arcing.	<i>J. F. Schomburg</i>
3,382,367	Techniques for Forming Multiple Images of an Optical Pattern Using Spherical Mirrors.	<i>W. A. Hardy</i>
3,382,378	Clamp Circuit	<i>I. G. Akmenkalns</i>
3,382,386	Magnetic Gears.	<i>H. L. Schlaepfi</i>
3,382,492	Magnetic Data Record Formatting	<i>G. R. Santana</i>
3,382,568	Method for Providing Electrical Connections to Semiconductor Devices . .	<i>L. L. Kuiper</i>
3,382,963	Printing Apparatus with No-Print Feature	<i>W. O. Cralle, Jr. and G. T. Slaughter</i>
3,383,104	Record Card Feeding Mechanism.	<i>R. J. Laybourn</i>
3,383,106	Record Card Feeding Control Apparatus	<i>E. A. Brown</i>
3,383,516	Direction Determination for Curve Followers Including Ring for Providing Digital Signals	<i>J. J. Leimer</i>
3,383,521	Shift Register Storage Device.	<i>A. Greenberg</i>
3,383,526	Current Driver Circuit Utilizing Transistors	<i>A. R. Berding</i>
3,383,600	Binary Radio Receiving System.	<i>R. W. Calfee</i>
3,383,657	Personnel Security System Having Personally Carried Card with Fingerprint Identification.	<i>C. H. Claassen and L. D. Green</i>
3,384,301	Plus and Minus Accumulator.	<i>J. W. Berkman, C. G. DeSerre and T. L. Johnson</i>
3,384,875	Reference Selection Apparatus for Cross Correlation	<i>J. F. Bene and P. E. Nelson</i>
3,384,876	Overlapped Field Handling in a Data Processing System.	<i>O. P. MacSorley and R. A. Nelson</i>
3,384,877	Flexible Register Apparatus	<i>A. R. Geller, L. J. Hasbrouck, O. L. MacSorley and W. C. Stetler</i>
3,384,878	Data Flow in a Data Processing System	<i>R. A. Nelson</i>
3,384,881	Magnetic Transducer Head Assembly with Offset Pole Pieces.	<i>W. T. Frost and E. T. Hatley</i>
3,384,931	Injection Printing of Electrical Circuit Components	<i>T. J. Cochran, C. P. Coughlin, L. P. Remsen and R. J. Straub</i>
3,384,954	Making Multitrack Magnetic Transducer	<i>R. C. Bradford and H. R. Kelsof</i>
3,384,958	Method of Brazing	<i>S. G. Christian, E. G. Reinitz and A. W. Rzant</i>
3,385,702	Photomechanical Method of Making Metallic Patterns.	<i>H. F. Koehler</i>
3,385,725	Nickel-Iron-Phosphorous Alloy Coatings Formed by Electroless Deposition	<i>A. F. Schmeckenbecher</i>
3,385,980	Latching Circuit Having Minimal Operational Delay	<i>A. R. Geller</i>
3,386,038	Balanced Clock.	<i>T. Johansen, E. J. Ossolinski and G. L. Smith</i>
3,386,082	Configuration Control in Multiprocessors	<i>T. S. Stafford, D. C. Burnstine, G. T. Paul and J. R. Rogaski</i>
3,386,083	Interruptions in a Large Scale Data Processing System.	<i>A. R. Geller, L. J. Hasbrouck and G. L. Smith</i>
3,386,084	Remote Addressing in a Data Processing System	<i>R. A. Nelson</i>