

Recent IBM Patents

• The following patents were recently issued by the countries in which the inventions were made.

France		
6,910,772	Improvements in Transformers and Inductors in Ferrite Pots	M. Levieux
7,144,968	Magnetic Data Medium and Method for Recording Such Data	M. Agon and J. Ghertman
7,147,911	Process for Converting Number Representations	A. P. Loevenbruck
7,147,912	Line Scanning System in an Exchange Center	J. D. Colas
Netherlands		
0,138,024	Print Hammer Mechanism	T. C. Binkhuysen
Switzerland		
0,539,360	Semiconductor Switching and Storage Device	A. Moser
0,539,845	Electroacoustic Transducer	W. Baechtold and E. H. Rothauser
0,539,919	Superconducting Memory Cell	P. L. Gueret
United Kingdom		
1,307,886	Magnetic Transducing Head	A. S. Jones, B. W. Kington, C. E. Owen, R. Pascual, D. G. Smith and J. M. Vigar
1,308,024	Graphic Display System	R. Waugh
1,310,219	Data Clocking System	L. A. Joyce and J. F. Minshall
1,310,489	Data Handling System	J. J. Holmes, R. J. Llewellyn and J. F. Minshall
1,310,664	Data Handling System	J. W. Jones and W. A. Christopherson
1,310,772	Telecommunication Line Multiplexor	J. J. Holmes, L. A. Joyce and J. F. Minshall
United States		
3,738,262	Electromagnetic Actuating Means for Print Hammers	J. E. Dayger, A. A. Dowd and J. A. Vrablic
3,742,846	Wire Printer with Print Head Moved in Figure Eight Pattern	L. F. Knappe
3,743,300	Transducer and Index Mounting Arrangement for Dictating and Transcribing Units	F. W. Johnson and E. R. Lloyd
3,743,587	Method for Reactive Sputter Deposition of Phosphosilicate Glass	T. N. Kennedy
3,743,682	An Electrophotographic Developer Composition Containing Boron Nitride ..	W. Crooks
3,743,964	Q-Switching Saturable Absorber Dye for a Laser	K. H. Drexhage and U. T. Mueller-Westerhoff
3,744,033	Text Formatting for Display	W. W. Boyd
3,744,127	Method of Making Magnetic Head Assembly	D. W. Brede, M. H. Cook, M. E. Freeman and H. L. Turk
3,744,310	Positioning Dual Record Cards in a Composite Punch/Read Station in Coordination with Keying of Source Information Taken from Positions of the Card Which May Be Obstructed by Station Components	R. B. Battistoni, J. Lettieri, D. L. Pierce and W. J. Weikel
3,744,891	Two-dimension Repeatable, Positionable Table	R. E. Dennis, R. C. Green, J. J. Honn and J. H. Nottingham
3,744,899	Method of Preparing Documents	A. J. Sable
3,745,003	Adjustment of Color Balance in Electrophoresis by Modification of Particle Size	Y. Moradzadeh
3,745,094	Two Resist Method for Printed Circuit Structure	K. F. Greene
3,745,367	Method and Apparatus for Generating Timing Pulses with Varying Distances.	H. R. Schindler and P. Vettiger
3,745,478	Differential Amplifier with Variable Output Voltage Bias	F. J. Affinito
3,745,495	Magnetic Actuator Mechanism	H. D. Chai, S. H. Mills, J. P. Pawletko, F. E. Peters and C. T. Young
3,745,525	Error Correcting System	S. J. Hong and A. M. Patel
3,745,526	Shift Register Error Correcting System	S. J. Hong and A. M. Patel
3,745,528	Error Correction for Two Tracks in a Multi-track System	A. M. Patel
3,745,539	Latch Type Regenerative Circuit for Reading a Dynamic Memory Cell	E. E. Davidson, R. D. Lane and J. Saia
3,745,602	Web Cleaning Apparatus Having a Movable Blade	R. G. Beistle
3,745,897	Mask Bit Error Indicator	W. O. Druschel, A. F. Karsch and W. C. Schneider, Jr.
3,745,918	Wide Base Type Carrier	F. J. Perry and G. H. Schacht
3,746,037	Flow Control and Monitoring System	F. E. Boerger and W. H. White, Jr.
3,746,228	Tractor Feeding Device for Marginally Perforated Webs	S. Arnold

3,746,451	Highly Reliable Strip Width Gauge	<i>L. L. Croissant and E. A. Crowther</i>
3,746,455	Dimensional Measurement Technique Using Optical Filtering	<i>A. L. Flamholz</i>
3,746,628	Method for Boride Coating Steel Electrolytically	<i>W. G. Kannenberg and W. E. Pruden</i>
3,746,839	Accumulator for a Key Entry Device	<i>J. Lettieri and R. H. E. Pett</i>
3,746,879	Superlattice Harmonic Generator and Mixer for Electromagnetic Waves ...	<i>L. Esaki and R. Tsu</i>
3,746,913	Cathode Ray Deflection System Using Field Effect Transistors	<i>W. Gianopoulos</i>
3,746,970	Root Mean Square Voltage Regulator	<i>G. W. Van Cleave</i>
3,746,973	Testing of Metallization Networks on Insulative Substrates Supporting Semi-conductor Chips	<i>M. T. McMahon, Jr.</i>
3,747,020	Polarization Junction Laser	<i>H. Wieder</i>
3,747,024	Memory Controlled Multiple Phase Shift Modulator	<i>M. F. Choquet and H. J. Nussbaumer</i>
3,747,027	Directional Coupler Switch Wherein Stripline Ground Conductor is Moved Relative to Stripline Coupling Conductors	<i>M. H. Boit and E. C. Uberbacher</i>
3,747,064	FET Dynamic Logic Circuit and Layout	<i>G. R. Thompson</i>
3,747,078	Compensation Technique for Variations in Bit Line Impedance	<i>J. W. Rose</i>
3,747,079	Reducing Dead-tracking in Recording Systems	<i>D. L. Bailey, B. C. Fiorino and J. A. Rodriguez</i>
3,747,521	Low Cost Hammer Unit	<i>J. G. Hamilton and J. E. Wallace</i>
3,747,820	Forms Feeding Device	<i>J. E. Hawxhurst</i>
3,747,921	Document Feed Device	<i>L. F. Krappe</i>
3,748,101	Centrifuge Fluid Container	<i>A. L. Jones and G. T. Judson</i>
3,748,198	Simultaneous Double Diffusion into a Semiconductor Substrate	<i>J. S. Basi and J. S. Sandhu</i>
3,748,242	Preparation of Cyclobutanones From Flutaric Anhydrides	<i>H. Hiraoka</i>
3,748,647	Toroidal Interconnection System	<i>R. Ashany and A. B. Lindquist</i>
3,748,650	Input/Output Hardware Trace Monitor	<i>L. C. Garcia, J. D. McNeill, T. A. Papanastasiou, N. K. Powers and W. E. Tjonpiangi</i>
3,748,976	Section System	<i>R. L. Fowler and R. S. Heard</i>
3,749,008	Print Hammer Assembly	<i>J. A. Carlson, W. G. Kempke, J. J. Schweihs, M. M. G. Syverson and L. D. Zolnosky</i>
3,749,713	Novel Azide Compounds	<i>N. J. Clecak and R. J. Cox</i>
3,749,849	Dictation System Featuring Paragraph Editing, Special Notations and Sentence Extension	<i>R. A. Kolpek and W. R. Stewart, Jr.</i>
3,749,987	Semiconductor Device Embodying Field Effect Transistors and Schottky Barrier Diodes	<i>N. G. Anantha</i>
3,749,993	Security System for Article Handling Apparatus	<i>W. H. Laman</i>
3,750,018	Ungated FET Method for Measuring Integrated Circuit Passivation Film Charge Density	<i>L. W. Leone, T. A. Morange, D. F. Reilly and P. J. Schram</i>
3,750,116	Half Good Chip with Low Power Dissipation	<i>D. W. Kemerer</i>
3,750,154	Bubble Domain Chip Arrangement	<i>G. S. Almasi</i>
3,750,189	Light Scanning and Printing System	<i>J. M. Fleischer</i>
3,750,191	Synchronization of Multiple Ink Jets	<i>H. E. Naylor III</i>
3,750,797	Carrier Positioning and Tabulation Apparatus	<i>R. E. Hunt and J. S. Morgan</i>
3,751,163	Step and Repeat Apparatus with Gas Bearing Suspension	<i>W. J. Sutton, Jr.</i>
3,751,591	Zero Skew Clock Distribution System	<i>J. K. Radcliffe and G. W. Whalen</i>
3,751,596	Data Transmission System Using Complementary Coding Sequences	<i>S.C.-C. Tseng</i>
3,751,624	Butt Brazing Apparatus and Method	<i>R. H. Banks, N. D. Gillespie and A. W. Rzent</i>
3,751,643	System for Performing Spectral Analyses Under Computer Control	<i>F. H. Dill and K. L. Konnerth, Jr.</i>
3,751,646	Error Detection and Correction for Data Processing Systems	<i>H. R. Geng, V. Goetze, J. Hajdu and P. Skuin</i>
3,751,647	Semiconductor and Integrated Circuit Device Yield Modeling	<i>R. A. Maeder, F. W. Oster and R. J. Soderman</i>
3,751,687	Integrated Semiconductor Circuit for Data Storage	<i>W. Jutz</i>
3,751,720	Radially Oriented Monolithic Circuit Masterslice	<i>W. J. Nestork</i>
3,751,799	Solder Terminal Rework Technique	<i>J. J. Reynolds</i>
3,752,039	Master-slave Hydraulic Control System	<i>T. F. Hewins</i>
3,752,069	Back Printer Print Line Visibility Control	<i>D. J. Stiles</i>
3,752,394	Modular Arithmetic and Logic Unit	<i>J. J. Igel</i>
3,752,669	Method of Producing Positive Images from Epoxy Compositions and Compositions Therefor	<i>O. R. Abolafia</i>
3,752,715	Production of High Speed Complementary Transistors	<i>I. Antipov and A. S. Oberai</i>
3,752,921	Distinct Complex Signals Formed by Plural Clipping Transformations of Superposed Isochronal Pulse Code Sequences	<i>L. M. Audretsch, Jr. and M. Elsner</i>
3,752,932	Loop Communications System	<i>J. B. Frisone</i>
3,753,089	Electronic Switching Transient Detector and Method for Locating Electrical Power Supply Noise Sources	<i>J. B. Gunn and J. L. Staples</i>

3,753,157	Leaky Wave Couplers for Guided Elastic Wave and Guided Optical Wave Devices	<i>E. A. Ash, M. L. Dakss and L. Kuhn</i>
3,753,235	Monolithic Memory Module Redundancy Scheme Using Prewired Substrates	<i>J. M. Daughton, J. J. Tomczak and F. W. Wiedman III</i>
3,753,239	Data Flow in a Machine Log System	<i>R. D. Lindsey and L. G. Smith</i>
3,753,244	Yield Enhancement Redundancy Technique	<i>J. W. Sumilas and N. G. Vogl, Jr.</i>
3,753,252	Disk Pack Assembly and Method of Making	<i>A. R. Tietze</i>
3,753,742	Electroless Plating Processes for Room Temperature Deposition Nickel ...	<i>H. F. Bell, D. W. Rich and M. C. Smith</i>
3,753,809	Method for Obtaining Optimum Phosphorous Concentration in Semiconductor Wafers	<i>C. E. Gaier, E. G. Grochowski and M. M. Roy</i>
3,753,869	Electrochemical Recording Method	<i>A. Ambrosia and C. J. Sambucetti</i>
3,753,882	Method for Converting Aluminum and Aluminum Base, and Copper and Copper Base Material Surfaces from a Hydrophobic to a Hydrphilic State	<i>L. Missel</i>
3,754,199	Magnetic Mechanical Amplifier	<i>J. E. Lisinski</i>
3,754,211	Fast Error Recovery Communication Controller	<i>E. Y. Rocher and S. E. Schuster</i>
3,754,216	Position Indicating and Control System	<i>D. H. Kekas and L. R. Palounek</i>
3,754,217	Synchronous Line Control Discriminator	<i>N. J. Bell, R. J. Cooper, F. P. Nagle, F. A. Newlin III and W. M. Stadler</i>
3,754,240	Gain Decision Logic for Integrating Analog-to-digital Converters	<i>J. E. Milton</i>
3,754,526	Electrophotographic Development Apparatus	<i>A. H. Caudill</i>
3,754,962	Development of Electrostatic Images	<i>R. A. Berlier and R. T. Ritchie</i>
3,754,963	Surface for Impression Development in Electrophotography	<i>L. S. Chang</i>
3,755,123	Method for Sputtering a Film on an Irregular Surface	<i>P. D. Davidse, J. S. Logan and F. S. Maddocks</i>
3,755,654	Digital Decoding of Retrospective Pulse Modulation	<i>F. C. Dellacato</i>
3,755,779	Error Correction System for Single-error Correction, Related-double-error Correction and Unrelated-double-error Detection	<i>D. W. Price</i>
3,755,781	Communication System Polling Method	<i>L. C. Haas and L. P. West</i>
3,755,782	Communication System Polling Method	<i>L. C. Haas, L. D. Larsen and L. P. West</i>
3,755,784	System for Revision Line Retrieval	<i>J. C. Greek, Jr. and H. C. Tanner</i>
3,755,786	Serial Loop Data Transmission System	<i>R. C. Dixon, L. J. Hash, J. D. Markov and L. P. West</i>
3,755,791	Memory System with Temporary or Permanent Substitution of Cells for Defective Cells	<i>L. M. Arzubi</i>
3,755,793	Latent Image Memory with Single-device Cells of Two Types	<i>I. T. Ho, G. A. Maley and H. N. Yu</i>
3,755,796	Cobalt-platinum Group Alloys Whose Anisotropy is Greater Than Their Demagnetizable Field for Use as Cylindrical Memory Elements	<i>A. J. Griest, Jr.</i>
3,755,809	RPM Coding and Decoding Apparatus Therefor	<i>T. F. O'Rourke</i>