

Recent IBM Patents

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

France		
7,107,550	Servo-balanced Delta Modulator	C. A. Jacquart
7,129,447	Gel-coat for Molded Products Made of Polyurethane Foam and Products Obtained	J. Dumoulin
7,135,364	Process for Determining the Fundamental Frequency of an Electrical Signal and Device for Applying Said Process	R. H. Buron and A. Nemeth
7,147,851	Switchable Current Generator	C. A. Jacquart
7,147,913	Process and Device for Detecting Defects in a Semiconductor Element	P. J. Beaufre and P. Le Corneur
Germany		
1,467,086	Method for Epitaxial Growth of Silicon Carbide	M. Schlack
2,133,323	Error Detecting and Correcting Circuit for Binary Data Signals	G. Volkmar
2,143,001	Bistable Axial Guide for Stems and the Like	I. S. Padmanabhan and M. Schmidt
2,247,037	Method and Arrangement for Analysing Errors in Data Chains	P. Rudolph and H. H. Lampe
Netherlands		
140,681	Detection Circuit for Analog Impulses	J. Schoute and H. Van Steenis
140,682	Detection System for Analog Impulses	H. Van Steenis
Sweden		
363,713	Method and Device for Two-way Data Transmission by Means of a Two-wire Data Transmission Channel	U. K. Klose
Switzerland		
549,849	Speech Analysis	H. R. Schindler, P. Vettiger and A. H. Frei
551,118	Method and Arrangement for Disconnecting or Reconnecting a Selected Loop Section in a Loop Structured Communication System	P. A. Zafiropulo and F. X. Zihlmann
United Kingdom		
1,342,495	Positioning Apparatus and Magnetic Disc Apparatus	D. E. Cuzner, C. O. Dodman, J. S. Heath, L. J. Rigbey, H. S. Crouch and I. C. George
1,343,228	A System for Selecting a Desired Set of Micro-instructions	B. R. Buckingham, W. D. Maugham, B. H. Middleton and L. R. Walker
1,344,890	Electromagnetic Transducers	B. R. Hearn, A. S. Jones, B. W. Kington, A. Paton, J. M. Vigar and R. Pascual
1,344,410	Improvements in Electric Digital Data Processing Systems	L. R. Walker
United States		
3,808,680	Continuous Processing for Substrate Manufacture	P. L. Lafrate and V. L. Relyea, Jr.
3,808,681	Automatic Pin Insertion and Bonding to a Metallized Pad on a Substrate Surface	J. M. Law, A. A. Stricker and W. V. Kaenel
3,809,263	Continuously Movable Information Storage and Retrieval System	P. D. Dodd, J. J. Lynott and J. D. Treder
3,809,328	Field and Armature Control in a Reel Motor Servomechanism	J. R. Cope and E. R. McCully
3,809,335	Web Movement Control in a Reel-to-reel Web Transport	J. P. Mantey
3,809,336	Tape Transport	E. P. Kollar, J. M. Levine, J. M. Tagawa and H. L. Tiao
3,809,410	Continuous Card Form	O. D. Johnson and K. B. Maynard
3,809,855	Thermal Sensing Apparatus	D. M. Neal
3,809,946	Multiple Function Vidicon Tube Including a Transmission Grid	N. M. Poley
3,809,947	Sine Wave Deflection System for Correcting Pincushion Distortion	L. E. Ambrico, S. G. Katsafouros, B. G. Kleen and W. R. Lamoureux
3,810,108	Processor Utilizing a Holographic Array and a Content Addressable Storage Unit for High Speed Searching	N. N. Krewson, J. B. Tait and B. M. Updike
3,810,111	Data Coding with Stable Base Line for Recording and Transmitting Binary Data	A. M. Patel
3,810,117	Stack Mechanism for a Data Processor	R. A. Healey

3,810,123	Monolithic Storage Multi-emitter Transistors with Different Width Bases . . .	<i>U. G. Baitinger and K. K. Najmann</i>
3,810,124	Memory Accessing System	<i>W. K. Hoffman and A. Y. Kao</i>
3,810,128	Semiconductor Switching and Storage Device	<i>A. Moser</i>
3,810,129	Memory System Restoration	<i>S. B. Behman and S. Goldstein</i>
3,810,243	Selectively Tensioned Transducer Assembly for Operation in Compliant Relation to Individual Memory Discs of a Partitionable Aggregate of Ro- tating Flexible Discs	<i>B. W. McGinnis and A. W. Orlando</i>
3,810,577	Error Testing and Error Localization in a Modular Data Processing System .	<i>H. Drescher, H. H. Lampe, P. R. Schoenaich and F. Simonini</i>
3,810,776	Method for Providing a Heater Roll Fuser with Improved Release Material .	<i>B. R. Banks and A. E. Graham</i>
3,810,795	Method for Making Self-aligning Structure for Charge-coupled and Bucket Brigade Devices	<i>R. R. Troutman</i>
3,811,076	Field Effect Transistor Integrated Circuit and Memory	<i>W. M. Smith, Jr.</i>
3,811,115	Item Lister Using a Shift Register	<i>V. A. Cordi and C. S. Gurski</i>
3,811,117	Time Ordered Memory System and Operation	<i>R. D. Anderson, Jr. and H. L. Kalter</i>
3,811,119	Method for Generating Hollow Magnetic Bubble Domains	<i>G. S. Almasi, B. E. Argyle and J. C. Deluca</i>
3,811,124	Solid State Gas Panel Display Circuits with Non-inductive Solid State Isola- tion between Low Level Logic and High Level Drive Signal Functions . . .	<i>B. G. Kleen and W. R. Lamoureux</i>
3,811,182	Object Handling Fixture, System and Process	<i>W. J. Ryan, Sr., E. F. Schirmer, N. G. Thoma, J. H. Tolley and D. L. Wilder</i>
3,811,186	Method of Aligning and Attaching Circuit Devices on a Substrate	<i>J. D. Larnerd, D. M. McGarigle and C. E. Samuelson</i>
3,811,377	Impact Printer	<i>P. M. Charlson, K. D. Tex and C. F. Fingerson</i>
3,811,547	Cyclically Rotatable Eccentric Pivot for Ribbon Reverse Lever	<i>D. W. Brearley</i>
3,811,856	Method for Molding an Air Bearing Magnetic Head with a Glass Slider Body	<i>J. F. Ruszczyk and D. R. Secrist</i>
3,812,162	Azides	<i>N. J. Clecak, R. J. Cox and W. M. Moreau</i>
3,812,336	Dynamic Address Translation Scheme Using Orthogonal Squares	<i>D. C. Bossen, C. F. Haugh and M.-Y. Hsiao</i>
3,812,388	Synchronized Static MOSFET Latch	<i>R. A. Southworth</i>
3,812,413	Drive Circuit for Inductive Load	<i>S. D. Keidl</i>
3,812,414	Stepper Motor Control System Using Pulse Injection for Velocity Overshoot Control	<i>D. G. Abraham and R. A. McSparran</i>
3,812,473	Storage System with Conflict-free Multiple Simultaneous Access	<i>S. G. Tucker</i>
3,812,475	Data Synchronizer	<i>C. L. Christiansen, L. E. Kanter and G. R. Monroe</i>
3,812,477	Method for Superresolution in an Optical Memory	<i>H. Wieder</i>
3,812,531	Verifying Status While Initializing Readback Channels in a Multichannel Magnetic Record Readback System	<i>P. H. Hall</i>
3,813,241	Creep Resistant Superplastic Alloys	<i>P. Chaudhari</i>
3,813,263	Method for Reducing Electromigration Damage at Metal Interfaces	<i>P. Rosenberg</i>
3,813,309	Method for Stripping Resists from Substrates	<i>P. Bakos and D. J. Knight</i>
3,813,485	System for Compression of Digital Data	<i>R. B. Arps</i>
3,813,513	Thermal Printing Device	<i>M. B. Vora and L. L. Wu</i>
3,813,516	Apparatus for Temperature Control for a Heated Rotating Cylinder	<i>B. S. Kudsii and B. T. Mahurin</i>
3,813,549	Self-healing Electrode for Uniform Negative Corona	<i>T. H. Di Stefano, R. B. Laibowitz and R. Rosenberg</i>
3,813,554	Addressable Photochromic Memory Display Device	<i>I. F. Chang and R. W. Dreyfus</i>
3,813,558	Directional, Non-volatile Bistable Resistor Logic Circuits	<i>P. J. Krick and P. Pleshko</i>
3,813,676	Non-sequential Symbol Generation System for Fluid Jet Printer	<i>B. A. Wolfe</i>
3,813,692	Internally Biased Magnetoresistive Magnetic Transducer	<i>G. W. Brock and F. B. Schelledy</i>
3,813,766	Process for Manufacture of a Magnetic Transducer Using a Pre-existing Uni- tary Foil	<i>G. W. Brock, W. McCormick and S. H. Smith</i>
3,814,700	Method for Controllably Varying the Electrical Properties of Nematic Liq- uids and Dopants Therefor	<i>A. Aviram, I. Haller, R. D. Miller and W. R. Young</i>
3,814,863	Internally Biased Magnetoresistive Magnetic Transducer	<i>R. L. O'Day and F. B. Shelledy</i>
3,814,917	Signal Processing Device for Weighting Delta Coded Sequences by Pair Wise Summation of Coefficients According to the Matching Condition of Counterpart Delta Digits	<i>H. J. Nussbaumer</i>
3,814,953	Master-slave Binary Divider Circuit	<i>S. D. Malaviya</i>
3,814,992	High Performance FET	<i>H. J. Kump, L. M. Lambert, Jr. and R. M. Quinn</i>
3,815,014	Compromise Voltage Control for Tracking Multiple Output Power Supply . .	<i>J. H. Davis and D. R. Dobson</i>
3,815,025	Large-scale Integrated Circuit Testing Structure	<i>P. V. Jordan</i>
3,815,066	Magnetic Key Mechanism or the Like	<i>A. W. Vinal</i>
3,815,106	Flip-flop Memory Cell Arrangement	<i>S. K. Wiedmann</i>
3,815,107	Cylindrical Magnetic Domain Display System	<i>G. S. Almasi</i>
3,815,978	Durable See-through Photoresist Mask	<i>J. C. Marinace</i>

3,815,998	Surface Contrast System and Method	<i>A. R. Tietze</i>
3,816,173	Fabrication of Variable Current Density Josephson Junctions	<i>J. M. Eldridge and J. Matisoo</i>
3,816,223	Fabrication Mask Using Rare Earth Orthoferrites	<i>K. Y. Ahn and J. J. Cuomo</i>
3,816,237	Optically Inactive Magneto-optic Substrate.	<i>E. M. Barrall and K. Lee</i>
3,816,728	Modulo 9 Residue Generating and Checking Circuit	<i>T. C. Chen and I. T. Ho</i>
3,816,754	Tunable Infrared/ultraviolet Laser	<i>R. T. Hodgson, J. R. Lankard, P. P. Sorokin and J. J. Wynne</i>
3,816,758	Digital Logic Circuit	<i>H. H. Berger and S. K. Wiedmann</i>
3,816,845	Single Crystal Tunnel Devices	<i>J. J. Cuomo, R. B. Laibowitz, A. F. Mayadas and R. Rosenberg</i>
3,817,311	Method and Apparatus for Controlling a Continuous Casting Machine	<i>W. K. Pellinat</i>
3,817,797	Construction of Monolithic Chip and Method of Distributing Power Therein for Individual Electronic Devices Constructed Thereon	<i>J. L. Langdon</i>
3,817,798	Method of Forming Integrated Semiconductor Devices with III-V Com- pounds	<i>W. N. Jacobus, Jr. and S. M. Ku</i>
3,818,132	Collimated Light Source Scanner Systems	<i>R. L. Fowler</i>
3,818,201	Method and System Arrangement for Monitoring and Indicating Pulse Tim- ing Functions with Measurable Time Reference	<i>R. Hartwich, G. Kundel, H. H. Lampe and P. R. Schoenaich</i>
3,818,246	Switching Circuits Particularly Useful for Analog-to-digital Converters	<i>G. A. Hellwarth and J. E. Milton</i>
3,818,311	Protective Circuit for Semi-conductor Switch	<i>G. L. Mattson and L. P. Segar</i>
3,818,445	Character Data Search System	<i>R. G. Neville</i>
3,818,447	Priority Handling System and Method	<i>D. J. Craft</i>
3,818,501	Detection of Digital Data Using Integration Techniques	<i>B. C. Fiorino</i>
3,818,502	Automatic Head Width Correction	<i>J. H. Chien and R. K. Oswald</i>
3,819,879	Electro-acoustic Transducer Housing Adapted for Telephonic PCM Com- munication Systems	<i>W. Baechtold</i>
3,819,959	Two Phase Charge-coupled Semiconductor Device	<i>J. J. Chang and J. W. Sumilas</i>
3,820,032	Digital Circuit for Use as a Frequency-to-DC Transducer	<i>H. P. Schlaeppli</i>
3,820,040	Use of Magnetically Variable Young's Modulus of Elasticity and Method for Control of Frequency of Electromechanical Oscillator	<i>B. S. Berry and W. C. Pritchett</i>
3,820,069	Electro-optical Read System	<i>N. N. Krewson and J. B. Tait</i>
3,820,086	Read Only Memory (ROM) Superimposed on Read/Write Memory (RAM) .	<i>I. T. Ho and G. A. Maley</i>
3,820,087	Three Dimensional Memory	<i>P. Chaudhari and C. B. Zarowin</i>