

Recent IBM Patents

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

France

7,615,001 J. P. Nuez, A. M. Lamouroux,
G. Lebesnerais, F. De La Porte, and
R. Hornung

Method of Correcting the Voltage Coefficient of Resistors Implanted or
Diffused in a Semiconductor Substrate

Germany

2,021,824 H. Berger and S. Wiedmann
2,203,572 F. Tsui and K. Tsui
2,226,815 J. D. Bahr

Monolithic Semiconductor Connection for Logical Circuits
Gas Discharge Display Field for Multicolor Display
Electrode Arrangement for a Mosaic Printer

Sweden

77,127,397 P. S. Folke, K. M. Johannsson,
L. W. Lindquist, and
B. R. Windfeldt

Printer

United States

4,168,488 P. J. Evans
4,168,535 K. A. Belser
4,168,536 M. L. Joshi and W. D. Pricer
4,169,000 J. Riseman

4,169,001 H. D. Kaiser
4,169,008 R. H. Kurth
4,169,032 J. B. Haase, J. M. Thompson,
A. M. Tobin, and W. R. Wichmann
4,169,228 M. Briska and A. Bohg
4,169,230 H. Bohlen, J. Greschner,
W. Kulcke, and P. Nehmiz
4,169,284 S. G. Hogan, C. E. Werve, and
E. C. Wong
4,169,685 W. C. Gruber
4,169,732 J. F. Shipley
4,169,904 G. Czornyj, J. D. Swalen, and
A. W. Wu
4,169,991 C. O. Ross
4,170,017 W. Klein, E. Klink, V. Rudolph, and
F. Wernicke
4,170,030 D. O. Castrodale and T. R. Fournier

4,170,031 W. E. Beuch, C. A. Larson,
M. N. Zell, and T. R. Fournier
4,170,039 T. J. Beacom, D. M. Kindseth, and
G. R. Mitchell
4,170,349 G. W. Baumann, J. L. Gambrell,
G. F. Hayes, F. J. Schell, and
A. G. Schulte
4,170,414 W. L. Hubert and T. T. Underhill
4,170,779 D. J. Bahr, K. H. Burckardt, and
W. G. Spruth
4,170,819 A. E. Peter, F. A. Shott, and
R. L. Weiss
4,171,229 V.M. Simi and D. A. Soderman
4,171,242 C.-Y. Liu

4,171,477 J. Funari
4,171,527 E. T. Osborne and D. A. Van Hook
4,171,536 D. A. Heuer, P. C. Schloss, and
L. L. Schroeder

Image Rotation Apparatus
Non-volatile Bubble Domain Memory System
Capacitor Memory with an Amplified Cell Signal
Method of Forming an Integrated Circuit Structure with Fully-Enclosed
Air Isolation
Method of Making Multilayer Module Having Optical Channels Therein
Process for Producing Uniform Nozzle Orifices in Silicon Wafers
Method of Making a Thin Film Thermal Print Head

X-ray Analyzer for Testing Layered Structures
Method of Exposure by Means of Corpuscular Beam Shadow Printing

Cache Control for Concurrent Access

Tab Layout Display for a Typewriter
Photosensitive Coating Composition and Use Thereof
Preparation of Polymer Monomolecular Films

Variable Print Speed Control
Highly Integrated Semiconductor Structure Providing a Diode-Resistor
Circuit Configuration
Drive Machine Moving Magnetic Disks Only Partially Therein for Data
Transfer
Loading Mechanism for Magnetic Diskettes

Virtual Address Translation Speed Up Technique

Self-Contained Motor-Driven Collator Deflector

Document Feed Controls for Copy Production Machines
Print Head Electrode for Metal Paper Printers

Method of Making Conductive Via Holes in Printed Circuit Boards

Improved Process to Form Bucket Brigade Device
Neutral pH Silicon Etchant for Etching Silicon in the Presence of
Phosphosilicate Glass
Micro-Surface Welding
Ink Jet Contamination Detecting System
Microprocessor System

4,172,004	G. E. Alcorn, R. W. Hamaker, and G. B. Stephens	Method for Forming Dense Dry Etched Multi-Level Metallurgy with Non-overlapped Vias
4,172,158	P.-C. Li	Method of Forming a Phosphorus-Nitrogen-Oxygen Film on a Substrate
4,172,282	F. J. Aichelmann, Jr. and T. P. Fehn	Processor Controlled Memory Refresh
4,172,284	H. J. Heinrich and D. Schütt	Priority Interrupt Apparatus Employing a Plural Stage Shift Register Having Separate Interrupt Mechanisms Coupled to the Different Stages Thereof for Segregating Interrupt Requests According to Priority Levels
4,172,290	B. R. Brown	Closed Loop Propagation Pattern for Bubble Lattices
4,172,664	R. S. Charsky and A. L. Flamholz	High Precision Pattern Registration and Overlay Measurement System and Process
4,173,041	T. J. Dvorak, D. J. Lowdermilk, and J. W. Plant	Auxiliary Microcontrol Mechanism for Increasing the Number of Different Control Actions in a Microprogrammed Digital Data Processor Having Microwords of Fixed Length
4,173,427	W. E. Beuch and M. N. Zell	Gripping Device for Magnetic Diskettes
4,173,763	L. L. Chang and L. Esaki	Heterojunction Tunneling Base Transistor
4,173,772	J. M. White	Solid State Image Scanning System For Producing a Binary Output
4,173,782	J. D. Dixon	Return and Link Mechanism
4,173,818	E. Bassous, T. H. Ning, and C. M. Osburn	Method for Fabricating Transistor Structures Having Very Short Effective Channels