

# *SPECIFIC TECHNICAL FIELDS*

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## **Business Methods and Computer Programs**

Automated Invoicing and Payment  
Betting Exchange Methods  
E-Printers  
Internet Reward Programs  
Reminder Messaging Methods  
Methods of Ordering and Delivering  
Monetary Systems

## **Computer Hardware and Networks**

Automatic Diagnostic User Interfaces  
PCI & PCI Express Bus Systems  
Remote Online Information Back Ups  
Printer Control Data Networks  
Virtual Private Networks

## **Electrical**

Balanced Line Circuits  
Communication Identification Systems  
Digital Image Rendering  
Distributions Boards and Transformers  
Electrical Connector Assemblies  
Magnetic Readers  
Omidirectional Speakers  
Printed Circuit Boards  
Passive Entry Sensor Systems  
Security Systems  
Optical discs

## **Materials**

Adhesive Films  
Refrigerants

## **Mechanical**

Bicycles  
Carpentry Instruments  
Cable Guide Devices  
Elevators  
Linear Cam Interlocks  
Portable Screen Systems  
Shower Apparatus  
Snow Vehicles  
Wood flooring

## **Nuclear Physics & Instruments**

Charged Particle Detectors  
Charged Particle Tomography  
Particle Multiplicity Counters

Radiation Detectors  
Neutron Detectors

## **Applied Optics**

Flowcytometers  
Optical Cross Connect Systems  
Laser Marking

## **Semiconductors & Fabrication**

Epitaxial Edge Termination  
Fermi-Fet Transistors  
Flip Chip Metal Bonding  
Group III Nitride Devices  
High Frequency Field Effect Elements  
Integrated Circuits  
Ion Beam Technology  
Light Emitting Diodes  
Silicon Carbide Power MOSFETS  
Vertical Hall Effect Devices

## **Sensors**

Acoustic Wave Sensors  
Bar code Sensors  
Biometric Imaging Systems  
Closed Loop Magnetic Sensors  
Exhaust Gas Recirculation Systems  
Magnetoresistive Sensors  
Magnetic Sensors  
Oil Quality Sensors  
Pressure Flow Sensors  
Quadratic Sensor Systems  
Speed Sensors  
Thermal Fluid Flow Sensors

## **Telecommunications**

IP Telephony  
Third Generation (3G) mobile telecommunications including Universal Mobile Telecommunications System (UTMS) & Global Systems for Mobile Communications (GSM)

## **Wireless Technology**

Wireless Medical Monitoring  
Wireless Capacitance Pressure Sensors  
Wireless SAW Devices  
Wireless Video and Answering Systems  
Hemodynamic Analysis Devices  
RF Transmitters

## **FAI PATENTS**

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