

# Cardinal Intellectual Property Specialty Categories & Subject Matter



## Life Sciences

Animal Husbandry  
Bioinformatics  
Dentistry  
Diagnostic Equipment  
Drug Delivery Systems  
Implantable Devices  
Medical Device Coating  
Medical Instruments  
Microarray Technology  
Plant Husbandry  
Prosthetic Devices  
Surgery/Medical Devices  
Surgical Supplies  
Treatment Devices

## Biotechnology

Biochemistry  
Cell Biology  
DNA Recombinant Technology  
Food Technology  
Genetics  
Immunology  
Living Organisms  
Molecular/Microbiology  
Proteomics  
Tissue Engineering  
Vector Development

## Physical Sciences

Alternative Energy  
High Temperature Superconductors  
Measuring/Testing  
Music  
Nanodevices  
Nuclear Engineering  
Optics  
Radiation  
Semiconductors

## Chemical

Aqueous Chemistry  
Bioinorganic/Bioorganic  
Ceramic  
Chemical Analysis  
Chemical/Materials Engineering  
Coatings/Adhesives/Paints  
Combinatorial Chemistry  
Compositions  
Fuel Cells  
Gas Phase Reactions  
Heterogeneous Catalysis  
Homogeneous Catalysis  
Liquid Phase Reactions  
Macromolecular Chemistry  
Organic/Inorganic Chemistry  
Organometallics  
Petrochemicals  
Pharmaceuticals  
Polymers  
Process Engineering  
Reactor/Reaction Engineering  
Semiconductor Fabrication  
Separation/Purification  
Solid State Chemistry  
Surface Chemistry  
Synthetic Chemistry

## Electrical

Connectors  
Control Systems  
Conversion/Distribution  
Consumer Electronics  
Electrical Circuits/Components  
Industrial Electronics  
Lasers/Optics  
Lighting  
Nanotechnology  
Navigational Systems  
Photonics  
Power Generation  
Printers/Recorders  
Robotics  
Semiconductors  
Wireless Technology  
Power Distribution/Transmission

## Communications

Electrical Interface Devices  
Fax  
Fiber Optics  
GPS  
Network Communications  
Optical Communications  
Radio  
RFID/RF Applications  
TCP/IP, ETHERNET  
Telematics  
Telemetry  
Telephone/Telegraph  
Television

## Mechanical

Amusement Devices  
Apparatus for Conducting Processes  
Automotive  
Cleaning  
Computer Hardware  
Construction/Agriculture  
Consumer/Industrial Products  
Design Applications  
Electromechanical Devices  
Electron Microscopes  
Finite Element Analysis  
Founding  
HVAC Systems  
Hydraulics  
Instrumentation Systems  
Manufacturing Equipment  
Manufacturing Technology  
Medical Equipment  
MEMS  
Metals Engineering  
Molding  
Motors  
Ordnance  
Power Plant  
Production Processes  
Satellite Technology  
Shaping  
Solar Power  
Sporting Equipment  
Steam Processes  
Textile Processes/Apparatus  
Transportation  
Trapping  
Vessels  
Welding  
Wind Power

## Computer and Information Sciences

Artificial Intelligence  
ATM  
Audio Compression/Editing  
Automated Storage Libraries  
Bar Code/OCR/Scanners  
Cable TV  
CD ROMs/Magnetic Drives  
Cellular  
Circuits  
Computer Architecture  
Cryptography  
Data Backup/Archiving  
Data Processing  
Digital Rights Management  
Displays  
Distributed Systems  
Document Management  
E-Commerce/Business  
Electronics Systems  
Encryption  
Facsimile  
Games  
Graphical User Interfaces  
Image Processing/Graphics  
Information Architecture  
Memory Systems  
Messaging Systems  
Multimedia  
Power Systems  
Printers and Copiers  
Processor Architecture  
Rich Web Applications  
Robotics  
Security Technology  
Smart Cards  
Software  
Static Memory Systems  
Storage Technology  
Video Editing  
Virtual Reality

## Business Methods

Accounting  
Advertising/Coupons/Incentives  
Auction Systems  
Business-Cryptography  
Checkbook Balancing  
Credit/Loan Processing  
Data base Marketing  
Electronic Commerce  
Electronic Funds Transfer  
Electronic Shopping/Catalog Systems  
Health Care Management  
Insurance/Reservation/Ticketing  
Inventory Management  
Investment Planning/Stock-Bond Trading  
Operations Research  
Point of Sale Systems  
Supply Chain Management  
Tax Processing  
Teaching Methods



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