

Computer Software



Software patent protection has been evolving almost as rapidly as software itself.

We constantly monitor the latest developments and issues related to software protection, both in the United States and abroad. We adjust our practices so that our prosecution services reflect the latest law for software protection.

Our attorneys have a rich background in software engineering, computer science, electrical engineering, and related fields. We know the mindset and viewpoint of software engineers and can speak their language. Our firm has successfully patented software and litigated software cases for well-known Fortune 500 software and computer corporations, as well as start-up companies.

This area of our firm's practice encompasses the protection of innovation in diverse areas of software technology, such as:

- Processing and Modeling
- Compression/decompression
- Control and management of industrial facilities
- Hardware/software co-design
- Interactive training and decision analysis applications
- Interactive voice response (IVR) systems, such as for banking, airline, and automotive speech recognition systems
- Internet applications, such as ad serving systems, electronic commerce applications, e-learning and online presentation systems, media players, recommendation systems, search engines, social networking tools, voice over IP (VoIP) systems, and web indexing systems
- Medical monitoring, improvement, control, and data processing
- Mobile applications
- Modeling of physical and chemical processes
- Neural networks and expert systems
- Performance monitoring and management
- Robotics
- Software to simulate/verify hardware
- Trusted computing technologies

Intelligent Software/Artificial Intelligence

- Data collection and analysis for pattern formation
- Electronic design automation (EDA) software
- Predictive modeling
- Proactive monitoring
- Report or alert generation, including alternative modes of operations
- Synthesizing data

Computer Hardware

Software Applications

- Business applications
- Distributed computing
- Instructions sets and microcode
- Operating systems for multiple platforms
- Software development and management, such as integrated development environments (IDEs), compilers/interpreters, and revision management systems

Networks

- Control and management of computer networks
- Fault tolerance
- Internet and e-commerce applications
- Network protocols/algorithms
- Network server management
- Network systems, such as neural networks, network server management, and distributed computing
- Wired and wireless networks

Security and Coding

- Computer access control
- Data compression/decompression
- Encryption and decryption methods
- Java programming/Java Virtual Machine (JVM)
- Security techniques and systems, such as digital rights management (DRM) and network intrusion detection systems
- Database and Storage
- Database management systems
- Data processing
- Data structures
- Memory organization, control and optimization
- Storage Area Network (SAN) management

Video and Imaging

- Graphical user interfaces (GUIs)
- Graphics and image processing, such as Computer Aided Design (CAD) systems, computed tomography systems, machine vision, and modeling systems
- Processing and managing of video data and streams
- Videoconferencing systems
- Video streaming systems, such as over-the-top (OTT) systems, set-top-box (STB) systems, video-on-demand (VOD) systems, and electronic program guides (EPGs)