



COMPUTERS, ELECTRONICS & SOFTWARE PRACTICE GROUP

Our Computer, Electronics & Software Practice Group continues to represent key components of rapidly expanding high-tech areas in which companies, if they wish to remain competitive, must continuously innovate. As the capabilities of computing devices and the complexity of systems increase, companies must continuously integrate new features and functions with existing product lines, which can produce an array of patentable inventions. Understanding this, we help clients to devise successful strategies to protect potential and existing commercial and industrial products and solutions.

Our attorneys have broad experience with a variety of software types, from operating systems and user interfaces to a wide variety of consumer and industrial application programs. We are experienced in the prosecution of software patent applications and have counseled clients on validity and infringement of software patents in many diverse fields. Further, we have implemented copyright registration programs in the United States and have advised on international protection of software.

With legal and technical experience gained through diverse litigation, counseling and prosecution activities, our attorneys develop realistic strategies for growing and managing intellectual property portfolios. We help clients procure domestic and international patents, trademarks and copyrights, as well as obtain technology transfer and licensing agreements.

Our Computer, Electronics & Software Practice Group provides services to Fortune 500 companies, established publicly and privately held companies, universities and other not-for-profit organizations, start-ups, and inventors. The group provides legal services, including litigation, due diligence, opinions and investigations, right-to-use and freedom to practice, patent prosecution, licensing, copyrights, portfolio management, technology transfers and M&A support. Further, the group is experienced in the following computer, electronics and software technologies:

- *3G & 4G Wireless Communications*
- *Analog & Digital Circuitry*
- *Audio & Acoustic Signal Processing*
- *Broadband Communications Systems*
- *Business Methods*
- *Circuitry*
- *Computer Architectures*
- *Computer Networks*
- *Consumer Electronics*
- *Consumer & Industrial Application Programs*
- *Control Systems*
- *Cryptography*
- *Database Management Systems*
- *Digital Signal Processing*
- *E-Commerce*
- *Electrical Connectors*
- *Engine Control Systems*
- *Equalization & Modem Control*
- *Error Correction Coding & Decoding*
- *Graphics Systems*
- *HVAC Control Systems*
- *Image Processing*
- *Microprocessors*
- *Operating Systems*
- *Optics*
- *Optimization Processes*
- *Parallel & Distributed Systems*
- *Pattern Recognition*
- *Power Generation*
- *Radar, Sonar & Inertial Navigation Systems*
- *RF Identification Systems*
- *Satellite Technology*
- *Semiconductor Fabrication Processes*
- *Software*
- *Solid-State Circuitry*
- *Telecommunications*
- *User interfaces*
- *Video & Image Processing*
- *VLSI Designs*
- *Voice Recognition*

LOUIS J. ALEX

JOEL H. BOCK

GARY W. MCFARRON

MICHAEL J. MCGEE

RAYMOND M. MEHLER

JAMES S. PRISTELSKI

JASON R. SMALLEY

DAVID M. THIMMIG