



ELECTRICAL ENGINEERING

Electrical engineering involves the development of technologies through the application of the physics and mathematics of electricity and electromagnetism. The field of electrical engineering encompasses a vast range of technology, from tiny integrated circuits to large power generation and transmission systems.

Hamilton Brook Smith Reynolds works with electrical engineers and other inventors to protect their intellectual property in areas such as:

Electronics

- Electrical Devices
- Analog and Digital Circuits
- Integrated Circuits
- Microelectronics
- Robotics
- Computer Hardware
- Semiconductor Technology
- Memory Devices and Systems
- Infrared and Electromagnetic Sensors

Control Systems

- Manufacturing Process Monitoring and Control Circuits
- Microcontrollers
- Open and Closed Loop Feedback Systems
- Motion Control using State Space Controllers

Power Systems

- Clean Technology
- Energy Storage
- Power Supplies
- Electric Motors and Generators

Communication and Signal Processing

- Telecommunications
- Mobile Technologies
- Global Positioning Systems
- VoIP and Video Conferencing
- Network Infrastructure
- Wireless Networks
- Digital Signal Processing
- Audio and Video Processing
- Computed Tomography (CT) Imaging
- Sonar Technologies
- Radio Frequency Technologies
- Image Processing
- Optics

Our attorneys have the industry experience and educational background to understand the technical aspects of these types of inventions. Their educational and professional backgrounds enable them to effectively communicate with electrical engineers, understand their goals, and obtain the most effective intellectual property protection for their inventions.

