Emerging Technologies

Barclay Damon attorneys provide experienced counsel on all types of intellectual property (IP) matters and at all stages of growth, from start-up businesses to multinational conglomerates. In addition to concentrations in medical devices, communications and networking technology, and universal technology-based issues, the following areas are representative of the types of emerging technologies that we focus on.

Biomedical

- Disease detection
- Endoscopes
- Glucometry
- Interventional radiology
- Oncology devices
- Ultrasonic probes

Chemical Technology

- Chemical-vapor deposition
- Cleaning compositions
- Mass spectrometry
- Polymer chemistry

Computers, Hardware, and Software

- Artificial intelligence
- Blockchain
- Cloud computing
- Cryptocurrency
- Distributed-server systems
- Document-translation systems
- Financial technologies
- Internet of things
- Logistics systems
- Machine learning
- Process automation
- Quantum computing
- Telecommunications technology
- Virtual-machine technology
- Wireless communication technology

Electrical/Optical

- Electric motors
- Fiber optic transceivers and cables
- Liquid crystal displays (LCDs)
- Motion-sensor lighting

- Nuclear detectors
- Photonics systems
- Quartz crystal microbalances
- Semiconductor devices
- Sensors and actuators

Mechanical

- Acoustics
- Air-conditioning technology
- Archery crossbows
- Aviation
- Bed and furniture systems
- Control systems
- Fluidics
- Large-scale manufacturing and assembly
- Materials science
- Mattresses and cushions
- Musical instruments
- Noise and vibration isolation
- Offshore-platform design
- Oil and gas technologies
- Oil-pipeline management
- Product packaging
- Semi-conductor manufacturing
- Thin-film transport
- Window-sash technology