Honigman’s Patent practice is a group of attorneys with extensive experience, specific technical knowledge, and years of industry involvement. The majority of our team possesses advanced technical degrees, hands-on experience as research scientists or engineers, and/or backgrounds in-house at global corporations across a range of industries. Our lawyers and patent agents are trusted partners who work hand-in-hand with our clients to design, execute, and enhance patent portfolios in a straightforward, comprehensive, and cost-efficient manner. We assist our clients in maximizing business competitiveness by securing and safeguarding commercially relevant patents that coincide with their business goals.

The distinctive hallmark of our Patent practice is that we anticipate and understand technical and legal developments across the United States and abroad and thereby are able to plan the most effective business strategies to maximize patent life cycles in relevant markets.

Our Patent practice group attorneys represent clients ranging from Fortune 100 companies to start-ups, universities, and independent inventors across the U.S., with particular technical strengths in the software, electrical, mechanical, and chemical areas, as well as in the life sciences industry.

Our services include:

**Patent Preparation and Prosecution**

- Patent portfolio strategy and management in the U.S. and worldwide
- Established track record in preparing and procuring medical, chemical, biotech, computer, electrical, and mechanical patents
- Post-allocation patent practice (oppositions, patent term adjustments, and patent term extensions)

**Consulting and Opinions**

- Patent opinions (validity, freedom-to-operate, and infringement)
- Patent due diligence in the context of product development, patent enforcement, and corporate transaction
- Competitor intelligence (competitor review and monitoring)
Licensing and Transactional Matters

- Patent licensing
- Patent aspects of research and development agreements
- University and government licensing
- Patent aspects of mergers and acquisitions

Technical Strengths

Honigman is particularly known for its technical strength in the life sciences, software, electrical, mechanical, and chemical industries. Our intimate knowledge of these industries is derived from having technical and in-house experience with leading pharmaceutical, medical device, chemical, and biotechnology companies as well as experience working with individuals working on advanced research, technologies, and processes to secure protections and to ensure the global marketability of their work product.

Honigman’s intellectual property attorneys help clients protect and defend mission-critical assets, as well as help position our clients to competitive advantage in the global marketplace. Our work in the life sciences spans a wide range of applications and disciplines—from pharmaceuticals, medical devices, and medical imaging to treatment protocols, genetics, stem cell research, vaccines, and more.

We possess particular strengths in the following areas:

**Life Sciences**

Medical devices  Medical imaging

**Pharmaceuticals**

- Compositions of matter  Small molecules
- Biologics  Solid forms
- Drug combinations  Bioactive metabolites
- Pharmaceutical formulations  Treatment methods
- Synthetic processes  Diagnostic kits

**Biology**

Cell and molecular  Gene therapy
### Genomics
- RNA interference

### Stem cell technology

### Mechanical
- Automotive components
- Mechanical devices
- Footwear and apparel
- Optical systems

### Electrical
- Communication systems
- Compilers
- Data storage systems
- Sensor systems
- Memory systems
- Mobile and telecommunications
- Networking systems
- Semiconductors

### Robotics
- Artificial intelligence systems
- Behavioral systems
- Sensor systems
- Autonomous and semi-autonomous navigation
- Mobility platforms
- Vision systems

### Software
- Analytics and algorithms
- Cloud computing
- Internet applications
- Augmented reality
- Enterprise software solutions
- Mobile applications

### Chemical
- Electrochemistry
- Process chemistry
- Analytical chemistry
- Electroplating
- Solid state chemistry
- Polymers

### Material Science
- Batteries
- Fuel cells
Nanotechnology