

# Chemical & Pharmaceuticals

## Chemicals

Many of the technologies that companies develop hinge on a chemical component or process that is often the key to success. Companies that rely on such developments for their continued success must obtain strong intellectual property protection. In order to properly protect this type of intellectual property, the nature of the chemistry must be fully understood.

At COJK, we are attorneys as well as chemists, chemical engineers, and inventors, possessing extensive chemical backgrounds in biological, medicinal, cellulose, catalytic, materials, polymer, organic, and inorganic chemistry. It is our deep understanding of the many branches of chemistry, combined with our vast legal experience, that enable us to meet our clients' business goals while supporting the visions of scientists, innovators, and executives.

Our attorneys have experience in a variety of chemical technologies, including:

- Alternative energy
- Battery and fuel cells
- Chemical catalysis
- Chemical formulations
- Chemical processes and manufacturing
- Chemical synthesis
- Cosmetic science
- Environmental chemistry
- Fermentation processes
- Food chemistry, preservatives, and processing

- High-pressure sterilization
- Materials science and engineering
- Nanotechnology
- Paper and pulp technology
- Polymer science and engineering
- Semiconductor processing

## Pharmaceuticals

The pharmaceuticals industry is incredibly demanding and competitive. To survive and prosper, companies must continually develop new technologies and products. When developing pharmaceuticals, there are many business and legal issues to take into consideration. It is imperative that a pharmaceutical company's patent counsel have hands-on experience with all these issues in order to take full advantage of the complexities of this industry.

The attorneys at COJK possess extensive backgrounds in the field of pharmaceuticals, both in education and industry experience. Their knowledge of chemistry, biochemistry, biology, medicinal chemistry, drug discovery processes, and molecular biology, combined with in-depth legal knowledge, gives them the ability to consider the many challenges that a pharmaceutical company may face when developing an intellectual property strategy for new drug candidates, protecting brand names, or negotiating and drafting license agreements.

In addition to patent preparation and prosecution services, we provide opinion and counseling regarding all patent-related aspects of the FDA approval process, including abbreviated new drug applications (ANDA). We also provide counseling regarding extending the patent life of pioneering therapeutics.

Our attorneys have experience in a variety of pharmaceutical technologies, including:

- Antibody-drug conjugates (ADCs)
- Biologic therapeutics and vaccines
- Generic therapeutics

- Immunology
- Pioneering therapeutics
- Pharmaceutical formulation
- Pharmaceutical manufacturing
- Small molecule therapeutics
- Therapeutic delivery