

Chemical Intellectual Property

Polsinelli's Intellectual Property Department has significant end-to-end experience in the chemical industry, spanning from patent prosecution to intellectual property litigation. Our attorneys work on matters related to both inorganic and organic chemistry, and applications ranging from benchtop to industrial-scale manufacturing. Our team has worked on process design associated with refining and manufacturing plants, down-hole chemistry and pharmaceuticals. Additionally, we have worked in the food chemistry area.

With more than 90 technical degrees across the Intellectual Property Department, including those related to chemical engineering, biochemistry, pharmacology and geochemistry, our deep team has honed their abilities in various chemical areas. They protect clients with patent estates both large and small. We offer patent prosecution, freedom-to-operate opinions, searching and clearance and intellectual property litigation, including enforcement and defense. Our practice is nationally ranked in patent prosecution in the IAM Patent 1000, 2021, and is also ranked among the top 1% of Best Performing Law Firms Overall and included on the "Top 50 Firms with Largest Growth" list in Patexia's 2022 Patent Prosecution Intelligence Report (rankings based on data from more than 1,000,000 patents over the past five years).

Polsinelli attorneys, patent agents and scientists protect chemical clients' intellectual property, giving them a platform to assert their rights against others. Our ability to manage large estates helps our clients develop patent portfolios that encompass the full range of their needs. Our skill in the area of intellectual property counseling and opinion ensures that these portfolios are enforceable, and our clients' competitive advantage remains sound.

Matters

- Represented an international cosmetics company with a revenue of more than \$20 billion in the drafting and prosecuting of cosmetic patent applications covering improved hair coloring technologies, safer processes for chemically treating hair, anti-aging skincare compositions and hair styling products.
- Worked regularly on patent applications directed toward improving the taste of food and beverages on behalf of a supplier of more than 30,000 products globally with materials such as fragrances, flavorings, cosmetic base materials and substances.
- As part of an effort to obtain patents in nearly 20 countries, obtained a U.S. patent covering a new topical anesthetic product on behalf of a health care product manufacturer with products used in more than 10,000 health care facilities.
- Represented a major company in the bioplastics and bioproducts industry in the prosecution of patent applications related to biodegradable polymers, compositions and uses thereof, including films, injection-molded articles, extrusion coatings, fibers, foams and thermoformed articles.

- Represented a medical technology company in the drafting and prosecution of novel non-invasive fluorescent tracer agents that, when coupled with detection technology, provide vital and actionable measurements of various organ functions.
- Represented a U.S. pharmaceutical research and development subsidiary of an international pharmaceutical company in the drafting and prosecution of novel active pharmaceutical ingredients and compositions directed towards anesthesia, analgesia, oncology and the treatment of the central nervous system.
- Represented an animal health company in the drafting and prosecution of multi-jurisdictional patents and trademarks involving a novel boar pheromone technology for use at various stages of life to aid in reproduction. Also assisted with the eventual enforcement of international IP rights against infringers.
- Represented an American agricultural multinational corporation with a revenue of more than \$330 million in the drafting and prosecution of U.S. and international patents directed towards animal nutrition solutions for livestock, poultry and aquaculture.
- Represented a small agricultural company in the drafting and prosecution of patents directed towards the use of soy-based products in agricultural applications.
- Represented an international pharmaceutical corporation in the prosecution of patents directed towards a revolutionary new drug formulation used for the treatment narcolepsy, cataplexy and excessive daytime sleepiness.
- Represented an international pharmaceutical corporation in the prosecution of patents directed towards a first-of-its-kind stem-cell derived biologic product used in the treatment of burns, as a superior alternative to autografting.
- Represented a global corporation in the chemical, chelate and nutrient manufacturing industries in the prosecution of patents related to human nutrition and health, animal nutrition and health, and specialty chemicals.
- Represented a growing entity in the ophthalmic healthcare market in the prosecution of patent estates related to ophthalmic pharmaceuticals.
- Represented a specialty pharmaceutical company in the prosecution of patents and in strategic landscape analysis.