



Intellectual Property for the Chemical Industry

Sutherland's sophisticated Intellectual Property (IP) practice offers wide-ranging experience in securing, licensing, and enforcing intellectual property rights for diverse chemical technologies, both in the United States and abroad. Whether our clients seek advice on potential IP litigation issues, desire to license or acquire a technology or protect their own innovations, or need to ensure their ability to operate a business without infringing a valid patent, Sutherland attorneys have the necessary technical background and legal experience to deliver results.

Our broad chemical-related experience includes preparing and prosecuting patent applications; developing opinions regarding patent validity or invalidity, infringement, and clearance; intellectual property due diligence reviews and agreement negotiation and drafting in connection with mergers and acquisitions; trade secret and IP litigation; and intellectual property audits and evaluations, all with a view toward achieving our clients' overall business objectives.

Representative Chemical Experience

- Agricultural chemicals
- Aromatics
- Biomass fuel
- Fischer-Tropsch catalysis
- Chemical (CVD) and Physical (PVD) Vapor Deposition
- Chemical processing equipment and reactor design
- Electrochemistry
- Fuel cell technologies
- Homogeneous and heterogeneous catalysis
- Hydrotreating technologies
- Nanotechnology and materials chemistry
- Petroleum upgrading

- Polymers
- Organic chemicals and pharmaceuticals
- Semiconductors, photoresists, and other electronic materials
- Surfactant technologies

Representative Chemical Clients

- Chevron Phillips Chemical Company
- The Coca-Cola Company
- Georgia Institute of Technology
- Georgia State University
- Immucor, Inc.
- J.M. Huber Corporation
- Massachusetts Institute of Technology
- Novaled AG
- Printpack, Inc
- Solvay Chemicals
- Solvay Advanced Polymers
- University of Georgia

Additional Representative IP Clients

- British Nuclear Fuels plc
- First Data Corporation
- GE Energy
- Intel Corporation
- McKesson Corporation
- Teva Pharmaceutical Industries Ltd.
- The Western Union Company
- Hospira Pharmaceuticals
- Westinghouse Electric Company

SUTHERLAND

Peter G. Pappas - Partner

- B.S., Chemical Engineering, University of Alabama (Fellow of University of Alabama Chemical and Bio-Engineering Department)
- Georgia Super Lawyer® (2008, 2009) and "Legal Elite" - *Georgia Trend* magazine (2008, 2009)

Kevin W. King - Partner

- B.Ch.E., Chemical Engineering, Georgia Institute of Technology
- Experienced patent prosecutor in biomedical, chemical, materials and mechanical arts, with prior chemical industry experience as process engineer
- Georgia Super Lawyer® "Rising Star" (2005-2006)

David E. Wigley, Ph.D. - Counsel

- Ph.D., Chemistry, Purdue University (Conoco Research Fellow); B.S., Chemistry, and B.S., Soil Science, Mississippi State University
- NATO Post-Doctoral Fellow, Oxford University
- Post-Doctoral Associate, MIT
- Professor of Chemistry, University of Arizona, 1985-2000

Joshua B. Aronson, Ph.D. - Associate

- Ph.D., Organic Chemistry, Georgia Institute of Technology; B.S., Chemistry, *with honors*, University of South Carolina

Stacy D. Fredrich - Associate

- B.S., Chemical Engineering, *with honors*, University of Notre Dame

Elizabeth A. Lester - Associate

- M.S. Ch.E., Georgia Institute of Technology; B.S. Ch.E., University of Kentucky
- B.S., Chemical Engineering, University of Kentucky

David A. Reed - Associate

- B.S., Chemical Engineering, *with highest honors*, Georgia Institute of Technology
- Industry experience as a process engineer

Ian M. Wasser, Ph.D. - Associate

- Postdoctoral Fellow, Chemistry, The University of Texas at Austin
- Ph.D., MA, Chemistry, Johns Hopkins University
- M.S., University of California

IP Attorney Overview

One of the ways Sutherland sets itself apart is the extensive technical experience of its intellectual property attorneys, focusing on both counseling and litigation, which allows them to appreciate and address unique legal issues. The majority of our intellectual property attorneys are registered to practice before the U.S. Patent and Trademark Office. Sutherland has approximately 30 intellectual property attorneys, many of whom have worked as engineers or scientists in a variety of industries. Our attorneys have degrees in biological science, organic and inorganic chemistry, chemical engineering, electrical engineering, computer engineering, or mechanical engineering, including many with master's degrees and Ph.Ds.

For more information contact:

Peter G. Pappas at 404.853.8064 or pete.pappas@sutherland.com

ABOUT SUTHERLAND. Sutherland Asbill & Brennan LLP is a law firm with global reach known for solving challenging business problems and resolving sophisticated legal issues for many of the world's largest companies. Founded in 1924, the firm handles matters throughout the United States and worldwide. Seven major practice areas—corporate, energy and environmental, financial services, intellectual property, litigation, real estate, and tax—provide the framework for an extensive range of focus areas, allowing Sutherland attorneys to serve a diverse client base that ranges from small and medium-sized start-up businesses to a significant number of Fortune 100 companies.