



DR. FRANK MISKIEL

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BIOGRAPHY

Frank Miskiel, Ph.D., is a highly-experienced intellectual property lawyer focused on patent prosecution in the areas of chemistry, biotechnology, enzymology, pharmaceuticals, industrial, food, cosmetics, household and personal care applications. Dr. Miskiel's experience includes conducting due diligence for transactions involving IP, inventorship, ownership, scope of protection and enforceability. Dr. Miskiel also has handled many complex and multi-jurisdictional opinions, freedom to operate analyses and with the preparation of numerous patent decisions in connection with questions related to infringement and invalidity.

Dr. Miskiel has significant experience with food and agriculture, life science, chemical and industrial sectors. This work has included decades of work with hydrocolloids, biologically active compounds and small molecules, therapies including proteins, enzymes, ligands, tumor antigens and carbohydrates. He has also hold wide-ranging fermentation experience, including process

optimization, culture development and product recovery. In the life science space, Dr. Miskiel has extensive experience with drug delivery systems, therapeutics, natural gums and hydrocolloids, including their use in molecular gastronomy applications, and rheological modification of systems using natural and synthetic polymers for the food, pharmaceutical, paint, paper, non-wovens, crop protection, oil fields, and personal cosmetic and household care industries.

Prior to his legal career, Dr. Miskiel was a principal scientist for food ingredient leader CP Kelco (now owned by J.M Huber Group) and a research assistant in the Department of Molecular and Cell Biology at Penn State University. Dr. Miskiel is also an inventor on four patents: U.S. Pat. Nos. 6,453,608, 6,290,814, 6,083,890 and 5,342,626.

ADMISSIONS

- California, 2003
- U.S. Patent & Trademark Office

EDUCATION

- California Western School of Law, J.D., 2002
- Pennsylvania State University, Ph.D., 1990
- Pennsylvania State University, B.S., 1985

RELATED CAPABILITIES

- Intellectual Property & Technology Disputes
- Litigation & Dispute Resolution
- Regulation, Compliance & Advisory
- Healthcare & Life Sciences

RESOURCES

PUBLICATIONS

- ["Voluntary labeling of bioengineered food: cognitive dissonance in the law, science, and public policy"](#), California Western Law Review (2001)

- "A modest proposal to slow rising pharmaceutical prices: abolishing the tax exemption for broadcast, branded, direct-to-consumer advertising", Biotechnology Law Report (2001)
- "Utilizing cellulon cellulosic fiber for binding in nonwoven applications", TAPPI Journal (1998)
- "Properties and applications of anti-xanthan antibodies", Carbohydrate Polymers (1995)
- "The glycoprotein nature and antigenicity of a fungal D-glucosyltransferase", Carbohydrate Research (1986)
- "The isolation of anti-gum arabic antibodies by affinity chromatography", Journal of Immunological Methods (1986)

RELATED INSIGHTS

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