

FRED ROSENBERGER

ASSOCIATE

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OVERVIEW

Fred's practice focuses primarily on drafting utility patent applications, domestic and foreign patent prosecution, and patent validity and infringement opinions. His technical knowledge spans multiple industries, with specific expertise in the electrical, mechanical, and medical device and diagnostics fields.

Fred has valuable experience on both sides of the patent prosecution field: In addition to his time as a practicing patent attorney, he spent three years as an examiner at the United States Patent and Trademark Office, reviewing the minute details of patent applications in the field of invisible radiation detection. Fred's practice is also informed by his direct work experience as a mechanical engineer and as a research scientist in a biotechnology startup. His prior mechanical work experience encompassed microelectromechanical systems (MEMS), semiconductor fabrication, fiber optic sensor systems, automotive exhaust systems, and hydraulic rescue tools. During his time as a research scientist in the biotechnology field, Fred developed microfluidic devices and automated systems for proteomic and genomic analyses.

Fred's ability to understand his clients' technologies and his deep knowledge of patent law have been key to the trust they put in him to handle their most complex intellectual property law matters.

Fred joined Klarquist as an associate attorney in 2019.

PROFESSIONAL EXPERIENCE

- ▶ Shapiro, Gabor and Rosenberger PLLC | Founder and Patent Attorney, 2015 – 2019 | Tysons Corner, VA
- ▶ Miles & Stockbridge PC | Patent Attorney, 2013– 2015, Patent Agent, 2007 - 2013 | Tysons Corner, VA
- ▶ United States Patent & Trademark Office | Patent Examiner, 2004 – 2007

EDUCATION

J.D., Georgetown University Law Center, *Cum Laude*, 2013

M.S., Mechanical Engineering, University of Maryland, College Park, 2001

B.S., Mechanical Engineering, University of Maryland, College Park, *Summa Cum Laude*, 1999

ADMISSIONS

U.S. Patent and Trademark Office, 2007 (Reg. No. 61,404) Virginia, 2013

PRACTICE AREAS

Patents

TECHNOLOGY AREAS

Electrical &

Semiconductors

Mechanical

Medical Devices & Diagnostics

Klarquist