



Shannon K. Stauffer

Patent Agent

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OVERVIEW

Shannon Stauffer is a patent agent in the firm's IP Procurement and Portfolio Management practice group. Shannon's experience includes patent preparation and prosecution of patent portfolios for a variety of large and small enterprises and universities applicants.

Shannon has leveraged her diverse technical background in computational material science to successfully prepare and prosecute patent applications across technical fields including artificial intelligence, machine learning and large language models, cyber security, electrochemical systems, biotechnology, and medical devices.

PROFESSIONAL BACKGROUND

Prior to joining the firm, Shannon served as a patent agent for boutique IP firms, including the development and maintenance of a European IP firm's US patent practice.

Prior to starting her patent practice, Shannon held various teaching and research scientist positions in university settings.

PROFESSIONAL / CIVIC ACTIVITIES

- Member, Pittsburgh Intellectual Property Law Association (PIPLA)

EDUCATION

- B.S., University of Pittsburgh, (*Chemistry and Geology; magna cum laude*)
- Ph.D., The University of Texas at Austin, (*Computational Physical Chemistry*)

ADMISSIONS

- United States Patent and Trademark Office

OTHER PUBLICATIONS

- Co-Author, "Computational Study of Chemical and Electrochemical Intercalation of Li into $\text{Li}_{1+x}\text{Ti}_2\text{O}_4$ Spinel Structures," *J. Phys. Chem. C* 122, 7779-7789, 2018.
- Co-Author, "Simple synthesis of nanocrystalline tin sulfide/N-doped reduced graphene oxide composites as lithium ion battery anodes," *ACS Nano* 10, 10778-10788, 2016.
- Co-Author, "Can Exciton-delocalizing Ligands Facilitate Hot Hole Transfer from Semiconductor Nanocrystals?," *J. Phys. Chem. C* 120, 28224-28234, 2016.
- Co-Author, "Breaking Down the Crystallinity: The Path for Advanced Lithium Batteries," *Adv. Energy Mater.* 6, 1501933, 2016.
- Co-Author, "Electrochemical Activity of Dendrimer-Stabilized Sn Nanoparticles for Lithium Alloying Reactions," *Langmuir* 31, 6570-6576, 2015.

AREAS OF FOCUS

- IP Procurement and Portfolio Management