Daniel So Ri Choi, Ph.D.

Patent Agent

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A registered patent agent, Daniel assists clients with patent drafting and prosecution, as well as management and development of global patent portfolios.

He is a trained chemist, and has significant experience with biological sciences including bionanomaterials.

Services

- Intellectual Property
- Patents

Before Fox Rothschild

Prior to joining Fox Rothschild, Daniel was a senior research fellow for the U.S. Army Research Laboratory, where his work included synthesizing and characterizing novel metallic quantum clusters via biomolecule-mediated procedure for biological applications, elucidating cellular dynamics, simulating blast-induced trauma in the brain, probing photonic properties of nano-bio and quantum bio systems. He also engineered a low-power energetic platform via incorporation of carbon nanomaterials in various thermoelectric platforms.

Before that, he was a postdoctoral research fellow at the Army Research Laboratory and the U.S. Naval Research Laboratory. His projects there included investigating biological molecules, organic materials, semiconductors and other materials to devise novel interfaces and van der Waals heterostructures for device fabrication, and investigating 0D, 1D and 2D functional materials and their properties for Department of Defense applications.

Daniel is a co-inventor of the ZnO Photodetector, for which a patent application is currently pending. He has published numerous peer reviewed articles and presented findings at a variety of scientific conferences.

Bar Admissions

- U.S. Patent & Trademark Office

Education

- Georgetown University (Ph.D., 2016)
    - Chemistry

- Georgetown University (M.S., 2014)
    - Chemistry
- University of Maryland, College Park (B.S., 2011)
    - Chemistry

Languages

- Korean

Accomplishments

- National Research Council Distinguished Doctoral Fellow (2019-2021)