

Blaine J. Zern, Ph.D. *

Patent Agent

* Not admitted to practice law

Overview

Blaine assists clients in patent preparation and prosecution, as well as aiding in the preparation of invalidity/non-infringement, freedom to operate, and patentability opinions. He draws on the technical insights and scientific knowledge he gained as a biomedical engineer to tackle the challenges facing biomedical, life science, and physical science innovators.

Blaine has in-depth experience in technology areas such as drug delivery, pharmaceutical formulation, biotherapeutics, tissue engineering, biomaterials, polymers, high-performance alloys, coatings, batteries, nonwoven textiles, materials science, and food science.

Prior to joining Michael Best, Blaine earned his Ph.D. at the Georgia Institute of Technology & Emory University, where his thesis research involved the synthesis of a biocompatible polycation that was then used for protein delivery in tissue engineering applications.

As a postdoctoral fellow at the University of Pennsylvania, Blaine worked on targeted therapeutics, involving the *in vivo* targeting parameters of nanoparticles for optimized drug delivery and molecular imaging.

Blaine was also a Center for Technology Transfer fellow at the University of Pennsylvania, where he performed technology assessments, prior art searches, patentability evaluations, and market research for inventions in both the physical and life science areas.

Blaine has spoken and written extensively on topics related to biomaterials and the therapeutic use of nanoparticle carriers.

Education

- Pennsylvania State University, Bachelor of Science (B.S.), 2003; Materials Science & Engineering
- Georgia Institute of Technology & Emory University, Doctor of Philosophy (Ph.D.), 2009; Biomedical Engineering



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Industries

Higher Education
Life Sciences

Practices

Intellectual Property
Patent



Admissions

- United States Patent and Trademark Office