

ASSOCIATE

Patrick M. Buechner

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Mr. Buechner's practice includes patent application preparation and prosecution of patent applications before the U.S. Patent and Trademark Office; opinions on patentability, validity, and infringement issues; and litigation support in the mechanical and electromechanical arts.

Mr. Buechner has worked with a number of small companies and independent inventors to prepare new patent applications in order to secure U.S. patent rights and to file international and national patent applications to reserve foreign patent rights. Mr. Buechner works closely with such clients to understand not only the nature of the invention but also the concerns that they may have, such as, for example, financial constraints or manufacturing timetables, and provides tailored solutions to problems.

Prior to joining Bacon & Thomas, Mr. Buechner was a patent examiner for nearly five years in fields as diverse as dispensers, valves, medical devices, and electronic amusement devices.

Mr. Buechner's graduate work at the University of Wisconsin at Madison focused on the study of viscoelastic properties of materials.

PUBLICATIONS

"Viscoelastic Behavior of Superplastic 37 wt% Pb 63 wt% Sn Over a Wide Range of Frequency and Time." *Scripta Materialia*. Vol. 41, No. 5, pp. 561-567, 1999.

"A Broadband Viscoelastic Spectroscopic Study of Bovine Bone: Implications for Fluid Flow." *Annals of Biomedical Engineering*. Vol. 29, pp. 719-728, 2001.

"Size Effects in the Elasticity and Viscoelasticity of Bone." *Biomechanical Modeling and Mechanobiology*. Vol. 1, pp. 295-301, 2003.

PRACTICE AREAS

- Patent Counseling, Preparation, and Prosecution
- Patent Infringement and Invalidity Opinions
- Right-to-Practice Opinions
- Intellectual Property Due Diligence

TECHNICAL AREAS OF EMPHASIS

- Business Methods
- Electro-Mechanical Systems
- Materials Engineering
- Mechanical Engineering
- Medical Devices and Procedures

EDUCATION

The Catholic University of America,
Columbus School of Law (J.D.)
University of Wisconsin-Madison
(B.S., M.S. Engineering Mechanics)

ADMISSIONS

Virginia
U.S. Patent and Trademark Office