Peter Peng Zhou, Ph.D.

Patent Agent

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OVERVIEW

Dr. Zhou advises a variety of clients, including multinational corporations, international research institutes, startups, and independent inventors on the prosecution of utility and design patents as well as strategic patent portfolio development and management. He also provides clients with the counsel they need on a variety of matters, including non-infringement and/or invalidity analysis, design around, freedom-to-operate, and patentability.

Dr. Zhou prosecutes patents in a broad array of technological fields, including biomedical engineering, medical physics and medical devices, life science, physics, nanotechnology, material science, telecommunications, fiber optics, photonics and electronics, quantum communications and computations, optical, mechanical and electronic devices, semiconductors, computer software, mass spectrometry, blockchain, and artificial intelligence.

Before his career as a patent agent, Dr. Zhou served in engineering and research roles throughout the U.S., U.K., and the EU, where he focused on areas of technology such as laser physics, photonics and quantum electronics, fiber optics, optical networking, quantum computer, quantum communications, modeling of complex systems, computer-aided measurements and automations, data acquisition and signal conditioning, and micro-electrical-mechanical systems (MEMS).

Dr. Zhou has published more than 80 research articles in *Physical Review Letters*, *Physical Review A*, and other leading academic research journals. Additionally, Dr. Zhou had acted as referee for several leading academic research journals in physics and optics.

REPRESENTATIVE MATTERS

- Assisting a number of top U.S. and international universities in the procurement of patents in a variety of countries across a variety of technology areas including biomedical engineering, medical devices, life science, nanotechnology, material science, mass spectrometry, and fiber optics.
- Assisting a number of domestic and international companies in obtaining domestic and international patent protection for its intellectual property assets.

TOP AREAS OF FOCUS

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- Health Care + Life Sciences
- Health Care + Life Sciences Intellectual Property

ALL AREAS OF FOCUS

- Health Care + Life Sciences
- Health Care + Life Sciences Intellectual Property
- IP International
- Intellectual Property
- Patent Prosecution, Counseling + Portfolio Management

PROFESSIONAL/COMMUNITY INVOLVEMENT

- Member, American Intellectual Property Law Association
- Member, American Association for the Advancement of Science
- Member, American Physical Society
- Member, Institute of Physics (UK Physical Society)

PROFESSIONAL EXPERIENCE

- Senior optical engineer, Movaz Networks, Inc., 2001-2002
- Research fellow, Georgia Institute of Technology, 1999-2001
- Research fellow, The Queen’s University of Belfast (UK), 1996-1999
- Research fellow, Instituto de Estructura de la Materia, Consejo Superior de Investigaciones Cientificas (Spain), 1992-1993
- Research fellow, The Abdus Salam International Centre for Theoretical Physics (Italy), 1991, 1995

EDUCATION AND CERTIFICATIONS

EDUCATION

- Queen's University Belfast, Ph.D., 1996, optical physics
- Huazhong Normal University, M.S., 1986, laser physics
- Huazhong Normal University, B.S., 1983, physics

BAR ADMISSIONS

- U.S. Patent and Trademark Office

LANGUAGES

- Mandarin Chinese