



**CHRISTINA R. WALSH,
PH.D.**

Attorney

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Christina is an independent contractor with Volpe Koenig. Her practice focuses on domestic and foreign patent preparation and prosecution, validity and infringement analysis, and claim chart preparation for licensing in the electrical and computer arts, with special emphasis on wireless communications and standards.

With experience spanning over 13 years, Christina provides her clients with strategic guidance to help manage and grow their patent portfolios. By leveraging their patent portfolios, she assists clients with identifying and producing licensable patents for added value.

Christina works with clients to obtain broad claim coverage and detailed support to achieve patents that are robust to current issues such as subject matter eligibility of software inventions in the U.S. and strict support requirements in Europe and Asia. Christina successfully conducts accelerated prosecution in the U.S. by conducting on-site and over-the-phone examiner interviews, and enacting accelerated grant proceedings in various countries overseas.

Christina also provides litigation support, including evaluating electrical and mechanical design features for infringement determination, and reviewing depositions.

Previous Work and Industry Experience

Christina's doctoral research investigated queuing, routing and scheduling in dynamic wireless sensor networks to optimize energy consumption, employing theory and simulations. Her research

IP Services

- IP Due Diligence
- Patent Acquisitions
- Patent Prosecution
- Portfolio Management
- Standards
- Strategic Counseling

Technologies

- Computer Technology Software and Business Methods
- Electrical Technology and Components

Education

- Temple University Beasley School of Law, J.D.
- Cornell University, Ph.D., Electrical and Computer Engineering
- Swiss Federal Institute of Technology, Laboratory for Communications and Applications, Fulbright Scholar
- University of Toronto Edward S. Rogers Sr., B.A.S., Electrical and Computer Engineering

included characterizing the detection delay of a mobile intruder by a randomly deployed sensor network with unreliable connectivity, contributing new results to percolation theory. Christina has published and presented her work in wireless sensor networks at various high-profile international IEEE and Association for Computing Machinery (ACM) conferences.

She has worked as a consultant performing prior art patent searches for cellular communication systems in connection with litigation matters. She also has industry experience as a network analyst in a large governmental organization and as a programmer in a software company.

Life Beyond Law

Christina enjoys spending quality time with her family, outdoor activities including cross-country skiing, and travel.

Experience

Christina works with clients to obtain patent protection in the U.S. and around the world, and focuses on such technological areas as:

- Wireless Communications (including 3GPP and 802.11 standards)
- Electronics
- Computer architecture
- Processor design
- Computer software
- Internet applications
- Computer networks
- Multimedia systems
- Video processing
- Speech processing
- LED design and lighting systems
- Medical devices
- Artificial Intelligence
- Medical Devices
- Food Wine and Spirits
- Wireless Communications

Admissions

Pennsylvania

New Jersey

U.S. Patent and Trademark
Office

Professional Affiliations

- Institute of Electrical and Electronics Engineers
- American Intellectual Property Law Association