

**Donna L. Lizotte Ph.D.**

Counsel

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Donna L. Lizotte, Ph.D. is a member of Murtha Cullina's Corporate and Intellectual Property practices. She represents clients from technical industries in all aspects of intellectual property law generally in the electrical and computer arts.

Donna has extensive experience in the following technical areas:

- Analog and digital electronics
- Computers (incl. hardware and software)
- Control systems
- Communications systems
- Semiconductors
- Biomedical systems and devices
- Optoelectronics
- Antennas
- Electromechanical systems
- Generally complex systems
- Artificial intelligence and machine learning
- Medical image processing and reconstruction including computed tomography (CT) (data acquisition and image reconstruction and processing); magnetic resonance imaging (MRI) image processing; ultrasound (data acquisition and image processing); x-ray image processing; and hybrid image processing
- Fluorescence data acquisition and image processing
- Terahertz devices and systems for communication and/or imaging
- Acoustic systems
- Optics and lighting systems
- Additive manufacturing (i.e., three-dimensional (3D) printing)
- Renewable energy sensing and control systems

Donna regularly prepares and prosecutes U.S. and foreign patent applications and performs patentability searches. In addition, she has drafted numerous complex patent applications including multiple claim sets for the U.S., PCT and selected foreign jurisdictions.

Donna enjoys antique and classic cars.

### **Bar & Court Admissions**

- Commonwealth of Massachusetts
- New Hampshire
- U.S. Patent and Trademark Office
- U.S. District Court, District of New Hampshire

### **Education**

- University of New Hampshire School of Law (Franklin Pierce Law Center) (J.D., *cum laude*, 2006)
- University of New Hampshire (Ph.D. in Engineering, 1991)
- University of New Hampshire (B.S., *cum laude*, 1982)

### **Memberships**

- American Intellectual Property Law Association
- New Hampshire Bar Association
- Tau Beta Pi Engineering Honor Society
- Sigma Xi Scientific Research Society
- Institute of Electrical and Electronics Engineers (IEEE)

### **Services**

- Intellectual Property