





Christina V. McDonough

Principal

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Overview

About Christina

Christina McDonough is a principal in the Boston office of Fish & Richardson P.C. Her clients range from small start-ups to large companies and academic institutions. Her practice emphasizes patent prosecution, portfolio management, reexamination, counseling, and due diligence in the computer software and electrical fields. Ms. McDonough has particular expertise in the areas of digital therapeutics, bioinformatics and medical systems (e.g., telehealth, medical registries, readmission reductions, modeling and predictive analysis of biological data, genetic codes, and immunotherapy response), computational fluid dynamics (e.g., simulation of acoustic and fluid flow properties), complex data processing (e.g., big data and complex events), financial algorithms (e.g., predictive modeling and forecasting of real-time security trades), and semiconductor and acoustical device fabrication (e.g., via Micro-electrical-mechanical systems (MEMS) fabrication techniques).

Ms. McDonough regularly performs due diligence regarding potential acquisition of various patents, fully vetting the strengths and weaknesses of a company's portfolio and exposing issues from offensive and defensive angles. She also regularly provides intellectual property strategic analysis by assessing the feasibility of entering various business verticals and sectors. Her work includes high-level landscape analyses that provide an executive overview of patent holdings by identified companies in a particular vertical. Ms. McDonough's practice also includes providing qualitative summaries of IP portfolios of identified companies. These summaries consist of assessments of strengths, weaknesses, business and IP implications for the client, in addition to assessment of future work to be performed to enable protection.

Prior to focusing her practice on patent prosecution, Ms. McDonough worked as a litigator at Fish & Richardson. As a litigator, Ms. McDonough was part of a team that tried a five patent semiconductor

test equipment case before the U.S. International Trade Commission. The technology at issue related to semiconductor test equipment manufactured using MEMs. A victory on behalf of respondent client was obtained – invalidating one patent and establishing non-infringement for the remaining asserted patents. (In the Matter of Certain Probe Card Assemblies, Components Thereof and Certain Tested DRAM and NAND Flash Memory Devices, Ct Intl Trade).

Ms. McDonough has extensive industry experience, having worked in financial compliance with Goldman Sachs, as a voice engineer with Cisco Systems and Empirix (originally, the software division of Teradyne), and in development at Raytheon, CMGI, and the startup iConverse.com.

Focus Areas

Services

- Patent
- Patent Prosecution
- Patent Litigation

Industries

- Digital Health
- Digital Media and E-Commerce
- Electrical and Computer Technology
- Financial and Business Services
- Hardware
- Internet
- Optics
- Semiconductors
- Software
- Standard Essential Patents
- Telecommunications

Education

J.D. *magna cum laude*, Order of the Coif, Boston College Law School (2007) Member, *Environmental Affairs Law Review*

B.S., Computer Science and Engineering, Massachusetts Institute of Technology (2002)

Insights

Publications

- “Rent Control and Rent Stabilization as Forms of Physical and Regulatory Takings,” *Environmental Affairs Law Review* (2007)

Speaking Engagements

- “Successful Patent Strategies for Digital Health and Digital Therapeutics,” *Fish Webinar* (October 27, 2021)
- “Patent Perspectives on Artificial Intelligence, Machine Learning and Deep Learning – in the U.S. and Internationally,” *Association of University Technology Managers (AUTM) 2019 Annual Meeting* (February 2019)
- “Software Patent Eligibility After *Alice*,” *Patent Webinar Series* (November 2016)

Recognition

Named a “Northeast Trailblazer” by *The American Lawyer* (2021).

Recipient of the “Women Worth Watching” award by *Profiles in Diversity Journal* (2019).

Selected by *Super Lawyers* Rising Star (2015-2017).

Memberships & Affiliations

Chairperson of Massachusetts Institute of Technology Alumni Professional Development Committee

Volunteer for the Massachusetts Society for the Prevention of Cruelty to Animals

Mentor, Society of Women Engineers

Member of the Board of Directors for the Boston Dog Organization