





# Sean M. Dean, Ph.D.

## Principal

 Boston, MA

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## Overview

### About Sean

Sean M. Dean, Ph.D., is a principal in the Boston office of Fish & Richardson P.C. Sean's practice emphasizes counseling, patent prosecution, opinion work, product development, product clearance, due diligence studies, and development and management of patent portfolios. Sean also works with clients to monetize their intellectual property portfolios in scenarios including financing rounds, company sales, and sale of patents after a change in technical focus.

Sean has leveraged his engineering experience helping clients protect bioremediation techniques, medical devices, electro-mechanical devices, water and wastewater treatment technologies, oil and gas production methods/equipment, and fluid flow control mechanisms. He has also worked with clients across a broad range of other technologies, including robots, mining equipment and methods, military hardware, security systems and sensors, semiconductor-related devices, consumer products, and computer peripheral devices.

Sean started his career as an environmental engineer focused on water resource and site remediation issues for Camp Dresser & McKee Inc. (1998-2001) and Applied Science Inc. (1994-1997). He managed modeling and system design for groundwater remediation projects and surface water management projects. Sean's dissertation research focused on modeling the effects of lake-aquifer interactions on the transport and bioremediation of chlorinated solvents flowing towards Lake Michigan.

Sean served as an officer in the U.S. Navy (1987-2008). He retired from the U.S. Navy Reserve as a commander.

## Focus Areas

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### Services

- Patent
- Opinions and Strategic Counseling
- Patent Portfolio Management
- Patent Prosecution

### Industries

- Cleantech
- Consumer Products
- Energy and Petrochemical
- Manufacturing
- Medical Devices
- Semiconductors

## Education

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J.D., University of Michigan Law School (2004)

Ph.D., Environmental Engineering, University of Michigan (1998)

M.S.E., Environmental Engineering, University of Michigan (1993)

B.A., Mathematics, Duke University (1987)

## Insights

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### Publications

- “Maximizing IP value in an economic downturn (& beyond) in the life science industry,”  
*Industrial Biotechnology*, Volume 5, Issue 1 (2009)

## Speaking Engagements

- “Intellectual Property Issues,” *Legal Issues for Massachusetts Professional Engineers Course* (April 2006)

## Recognition

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- “IP Star,” *Managing Intellectual Property* (2013-2022)
- Massachusetts Supreme Judicial Court 2019 Pro Bono Honor Roll (2019)

## Memberships & Affiliations

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Professional Engineer, licensed in Michigan.