POLSINELLI

Zachary J. Block

SHAREHOLDER
he / him / his

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Zach Block partners with clients to help them gain a competitive advantage from their innovation. At the intersection of technology and law, he leverages deep technological understanding and engineering insight in tailoring IP strategies that translate clients' innovations into actionable legal and business solutions - whether the goal is developing assets that support commercialization, revenue growth and capital access, or navigating risks in transactions or emerging technologies, or opposing competitors in the market.

Zach focuses his practice on guiding clients through an array of intellectual property challenges including patent portfolio development, transactions, monetization and product clearance. As a registered patent attorney, Zach works with inventors, engineers and in-house legal teams to build robust patent portfolios, pushing boundaries in emerging and established technological domains and navigating dense patent thickets and infringement assertions.

Zach has experience managing sophisticated patent portfolios in myriad industries, including industrial and consumer products, automotive, space and defense, healthcare, semiconductors and digital security. He has extensive experience across a spectrum of electrical and software technologies, including:

- Autonomous systems
- Radio frequency (RF) systems and components
- Wireless communications
- Medical devices and imaging
- Sensor systems and image processing
- Electric motors and control
- Semiconductors
- Power systems
- Computing
- Algorithms, machine learning and artificial intelligence (AI)

Whether your portfolio is mature or just launching, reach out to Zach when you need your IP to start working for your business.

Capabilities

- Electrical Engineering & Computer Science Patent Prosecution
- Intellectual Property
- Patent Preparation & Prosecution
- Patent Filings & Strategy

Education

- Southern Methodist University Dedman School of Law (J.D., *cum laude*, 2012)
- Missouri University of Science and Technology (B.S., *cum laude*, 2005)
    - Electrical Engineering

Bar Admissions

- Missouri
- Texas
- Admitted to practice before the United States Patent and Trademark Office

Recognition

- Selected for inclusion in *Best Lawyers in America*® for Patent Law, 2026
- Named one of *Best Lawyers in America*® Ones to Watch:
    - Intellectual Property Law, 2022-2025
    - Patent Law, 2023-2025

Matters

- Managed growing U.S. and international patent portfolio and provided strategic guidance for intellectual property development for autonomous vehicle company.
- Counseled a multinational electric motor and power transmission company in various joint product development projects and developed IP strategies to protect the company's investments.
- Managed U.S. and international patent portfolio related to heart pumps, cardiac catheters, electrocardiograms, heart mapping, heart monitoring and ablation therapy technologies for large medical device company.
- Provided strategic counsel for large medical device company involving technologies related to fluorescent imaging, vascular occlusion, neuromodulation, and renal and cardiovascular devices.
- Managed patent applications relating to semiconductors, avionics, antennas, modeling, simulation, non-destructive testing, flight control systems, communication systems, electronics, and unmanned systems for large aerospace and defense company.
- Developed and executed domestic and foreign patent filing strategy and management of a patent portfolio for a multinational electric motor and power transmission company related to commercial and industrial systems.
- Drafted and prosecuted patent applications relating to medical imaging technologies including CT, MRI, optical tomography and image processing.
- Drafted and prosecuted patent applications relating to mobile devices and telecommunications.
- Drafted and prosecuted patent applications relating to computing, graphics processing and signal processing.