

Matthew J. Esserman

PATENT AGENT

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Matthew leverages more than 25 years of patent procurement experience to help clients develop and execute effective patent strategies. His practice includes counseling on portfolio development, preparing and prosecuting U.S. and foreign patent applications, conducting patentability analyses and supporting infringement and validity matters.

Prior to joining Polsinelli, Matthew served as a director of intellectual property for a global technology company and as a patent examiner for the U.S. Patent & Trademark Office where he analyzed hundreds of patent applications to determine the utility, novelty and patentability of inventions in the areas of high-definition television, flat-panel displays, CRTs, visual displays, illumination and discharge devices. Matthew's experience spans a broad range of technologies, including:

- Electrical and mechanical systems, semiconductors and computer hardware and software
- Medical devices and medical imaging, including biomechanical technologies, prosthetics and exoskeletons
- Virtual Reality (VR), Augmented Reality (AR) and Mixed Reality (MR)
- Artificial Intelligence (AI) and Machine Learning (ML)
- Cloud and application security and services, encryption technologies, financial services technologies and enterprise systems
- Networking, telecommunications and wireless communications
- 3D printing, electric and autonomous vehicle systems, aerospace and aviation technologies
- Optics and sensing technologies, including fiber optics, LEDs, optical and heads-up displays, visor technologies, imaging optics and sensor-based systems

Education

- Rutgers School of Engineering (B.S., 1991)
 - Electrical Engineering

Bar Admissions

- Admitted to practice before the United States Patent and Trademark Office, 1998

Capabilities

- Intellectual Property
- Patent Preparation & Prosecution
- Electrical Engineering & Computer Science Patent Prosecution
- Patent Filings & Strategy
- Medical Devices
- In-House Automated Patent Drafting Tool
- Artificial Intelligence & Machine Learning
- International Patent Filings & Strategy
- Mechanical Engineering & Medical Devices Patent Prosecution
- Product Design & User Interface
- Technology

Recognition

- Gainsharing and production awards, USPTO