ECKERT SEAMANS

Nathaniel C. Wilks

MEMBER

Nate Wilks has over a decade of experience representing clients in all aspects of intellectual property law. He is a registered patent attorney with extensive experience preparing and prosecuting patent applications domestically and managing procurement of patents worldwide. Nate also counsels clients with respect to intellectual property and technology-related disputes, infringement, validity, right-to-use, and patentability issues. He has represented clients in patent infringement litigation in the federal district and appellate courts as well as in Inter-Partes Review proceedings before the Patent Trial and Appeal Board of the U.S. Patent and Trademark Office.

Nate assists clients with intellectual property matters related to a wide range of technologies, with a particular emphasis on the electrical arts. His expertise includes drafting and prosecuting patents for advanced technologies such as residential and grid-level energy optimization using AI/ML, factory and transportation system optimization with AI/ML, and AI/ML-based medical diagnostic systems. Nate also has extensive experience in audio and video signal processing, electrical distribution and protection equipment, semiconductor devices, DRAM and flash memory, smart home devices, and anti-counterfeiting measures. His practice further encompasses printers and copiers, electronic displays, mobile phones, computer networking, telecommunications, digital rights management, medical imaging, respiratory therapy devices, safety equipment, nuclear reactor technologies, and artificial intelligence/machine learning applications..

Prior to attending law school, Nate worked as an electrical engineer in the aerospace industry, where he developed antenna systems for unmanned aircraft.

REPRESENTATIVE MATTERS

- Counsel for patent owners in multiple patent infringement cases against major memory device manufacturer relating to NAND Flash Memory and DRAM devices;
- Provided product clearance/right to use counseling and prepared and prosecuted numerous patent applications for a safety equipment manufacturer in connection with the release of multiple products;
- Prepared and prosecuted numerous patent applications for a global electrical component manufacturer, coordinated worldwide patent procurement, and performed freedom-to-operate, validity, and infringement opinion work; and

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PRACTICE AREAS:

Intellectual Property

Appellate

STATE ADMISSIONS:

Pennsylvania

District of Columbia

COURT ADMISSIONS:

U.S. Court of Appeals for the Federal Circuit

U.S. Patent and Trademark Office

Supreme Court of the United States

EDUCATION:

J.D., University of Virginia School of Law, 2008

B.S. in electrical engineering, with distinction, The Pennsylvania State University, 2003

- Represented major consumer electronics manufacturer in domestic prosecution of numerous patent applications.

NEWS AND INSIGHTS

PUBLICATIONS

- "U.S. Patent and Trademark Office Implements New Pilot Program for National Stage Patent Applications," Eckert Seamans' Intellectual Property Update, April 2026.
- "Best Practices for Entering the U.S. with a non-U.S. Originated Patent Application," Eckert Seamans' Intellectual Property Update, March 2026.
- The Applicability of the Patent Marking Statute to Software Patents," Intellectual Property and Technology Law Journal, July 2009.