

Robert L. Pilaud

PATENT AGENT

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With over 18 years of experience as a patent agent in intellectual property practices, Rob has worked on more than 2,000 patent applications. He specializes in writing, filing, and prosecuting patent applications before the U.S. Patent & Trademark Office (USPTO) in electrical engineering, computer science, mechanical and civil engineering, ornamental design, and other technologies. Additionally, Rob advises key stakeholders in strategic decision-making related to patent portfolio management, engaging executives, engineers, and scientists to develop robust disclosures of inventions.

Rob's expertise is broad. In the field of electrical engineering, he has worked on patents for semiconductors, semiconductor manufacturing, light-emitting elements, integrated circuits, field-effect transistors, display devices, memory devices, photoelectric conversion devices, power devices, optical devices, mobile communications, signal processing, coding and decoding, data transmission and reception, and communications protocols. He has also worked on matters pertaining to computer-implemented inventions like artificial intelligence, machine learning, data management, database systems, computer systems, user interfaces and user experiences, control systems, application and server-side software, Internet of Things, bioinformatics, and autonomous vehicle technology. Finally, he is familiar with mechanical and civil engineering matters, including automotive engineering, automotive structural and power systems, heavy machinery, metal manufacturing, heat exchangers, fluid dynamics, microfluidics, and ornamental designs.

Before starting his law career, Rob served as a Patent Examiner at the USPTO and worked as an engineer and business developer for an international general contracting company. Prior to joining Haley Guiliano, he worked as a patent agent with firms in Boston, Virginia, and Washington, D.C.

Related Practice Areas

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Related Industries

- Computer Technology and Software
- FinTech and Blockchain
- Telecommunications
- Mechanical and Industrial Devices
- Electronic Hardware
- Semiconductor Devices and Materials
- Consumer Products
- Medical Devices

Bar Admissions

U.S. Patent and Trademark Office

Memberships

American Intellectual Property Law Association

Education

J.D., 2001, George Mason University, Antonin Scalia Law School

B.S., Civil Engineering, 1997, Clemson University, IPTAY Academic Scholar