# <u>Shumaker</u>

John A. Miller Partner



John specializes in preparing and prosecuting patent applications for inventions relating to highly technical subject matters. He practices with the understanding that the biggest challenge for manufacturers is implementing systems that enable a free flow of information throughout the supply chain while simultaneously protecting valuable data and intellectual property (IP) from unauthorized access. Additionally, John's practice includes client counseling and drafting various IP opinions, including patentability, validity, non-infringement, and freedom to practice opinions.

A former patent examiner with the United States Patent and Trademark Office who has been practicing law for more than 30 years, John has extensive experience related to:

- Electrical/electronics, semiconductor, and solid state devices
- Electro-optics and optics
- Printed antennas and antenna systems
- Satellite systems and controls
- Vehicle stability control and handling systems
- Additive manufacturing systems
- Medium voltage power distribution network components and controls
- Aircraft systems and controls;
- Computer algorithms and software

## **SERVICE LINE**

Intellectual Property

## **INDUSTRY SECTOR**

Financial Institutions & Insurance Health Care Hospitality, Leisure, & Sports Manufacturing Real Estate, Construction, & Development Technology • Spine surgery devices and instrumentation

### **BAR & COURT ADMISSIONS**

Michigan, 1993

United States Patent and Trademark Office

United States District Court, Eastern District of, Michigan

United States Court of Appeals, Sixth Circuit

### **PROFESSIONAL & COMMUNITY AFFILIATIONS**

- State Bar of Michigan
- Michigan Patent Law Association

#### **PRIMARY LOCATION**

Toledo, OH

#### **EDUCATION**

J.D., Wayne State University, 1992

B.S., Electrical Engineering, University of Michigan, 1986

B.S., Industrial Technology (Computer-Aided Manufacturing), Eastern Michigan University, 1984

