

# YOUNG BASILE



## Erik Chmelar, PhD, PE

Senior Counsel

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### Practice Areas

- Emerging Companies
- Patent
- Transactions

### Education

- University of Michigan Law School, J.D.
- Western Michigan University, M.B.A. Management
- Stanford University, Ph.D., Electrical Engineering
- Stanford University, M.S., Electrical Engineering
- Saginaw Valley State University, B.S. Chemical Physics
- Michigan Technological University, B.S., Electrical Engineering

### Admissions

- U.S Patent and Trademark Office
- State of Michigan (Attorney)
- State of Michigan (Engineer)

Dr. Chmelar is a subject-matter expert in digital semiconductors and hardware/software systems. He captures and monetizes innovation through invention harvesting, patent drafting, opinion drafting (infringement, validity), assertions (claim charting), portfolio strategy, and licensing. Dr. Chmelar's creative thinking and sound judgment gets results. For example, he authored an opinion that defined a key technical term of U.S. export law, resulting in a billion-dollar increase in quarterly revenues for the semiconductor equipment industry.

### Industry Experience

Prior to law, Dr. Chmelar worked nearly two decades in R&D. He holds over 30 patents in technologies that include high-speed communications, mixed-signal circuits, circuit synthesis, reconfigurable computing, semiconductor testing, and smart medical devices. He held principal positions at leading technology companies and founded start-ups.

### Professional Activities

- Consulting Professor, Stanford University
- Adjunct Professor, Saginaw Valley State University
- National Science Foundation (NSF) Innovation-Corps, Industry Mentor and Instructor
- Accreditation Board of Engineering and Technology (ABET), Program Evaluator
- Institute of Electrical & Electronic Engineers (IEEE), Senior Member
- Certified Agile Practitioner (PMI ACP)
- Certified Project Management Professional (PMI PMP)
- International Society of Optics & Photonics (SPIE)
- Association for Computing Machinery (ACM)
- American Chemical Society (ACS)
- American Society of Mechanical Engineers (ASME)