



Professional Analysis and Consulting, Inc. has decades of experience with various aspects of intellectual property matters, including patents in litigation. This experience covers a wide variety of technical disciplines and processes, including electronics, materials, product design, and manufacturing systems. Our engineers and scientists hold several patents among them and are experienced with the entire patent process.

Our broad experience includes working with major Original Equipment Manufacturers (OEMs), inventors, suppliers, and patent attorneys throughout the U.S. We have knowledge and expertise with automotive, mechanical, chemical, electrical, consumer products and other areas involving intellectual property litigation. Our team has been involved with engineering feasibility, validity investigations, prior art research, and assessing infringement.

Services

- Patent Defense
• Patent Prosecution
• Patent Due Diligence / Valuation
• U.S. and International Patents
• Patent Prior Art research
• Patent Infringement Analysis
• Trade Secret Protection
• Doctrine of Equivalents
• Claim Construction (Markman) Hearings
• Obviousness / Non-Obviousness Comparison
• Technical Common Knowledge / PHOSITA Standard

US Patent document snippet including header information (United States Patent, Patent No. US 6,533,300 B1), a table of references, a references cited section, and a technical drawing of a rear suspension assembly.

## Practice Area Leaders

# *Intellectual Property and Patents*

### ***Timothy M. Hicks, P.E. - Principal Engineer, Mechanical***



Mr. Hicks performs patent analyses from a mechanical engineering perspective. He has two patents issued in his name. His patent experience reflects the defense of infringement claims, as well as investigating possible infringement cases. Projects he has been involved with addressed automotive and commercial vehicles, vehicle suspensions, manufacturing processes, consumer products, hand tools, and lawn equipment. Mr. Hicks is licensed by examination as a Professional Engineer.

### ***Roch J. Shipley, Ph.D., FASM, P.E. – Principal Engineer, Materials/Metallurgical***



Dr. Shipley performs patent analyses and failure analysis from a materials engineering perspective. His evaluations involve design, manufacturing, materials, and operational factors. He specializes in complex issues involving multiple disciplines and/or accident reconstruction. He has experience with both ferrous and non-ferrous alloys, including aluminum, titanium, and nickel-base superalloys. Dr. Shipley is licensed by examination as a Professional Engineer and has testified in both State and Federal Courts.

### ***Johannes C. Laun, P.E. – Senior Engineer, Fire/Electrical***



Johannes Laun has experience with patents in the US and other countries. He has performed work in intellectual property management and development along with due diligence analysis of patents, patent translation, testing claims for viability, prior art analysis, and analysis of common knowledge to those skilled in the art along with creating various patent technical drawings. Mr. Laun has assisted with patent prosecution and litigation.

### ***Michael G. Koehler, Ph.D. – Principal Scientist, Chemistry***



Dr. Koehler performs patent analyses involving materials and chemistry. His extensive experience in materials research and development brings a practical design perspective to each problem. His expertise spans a broad range of materials including pharmaceuticals, polymers and plastics, coatings, fuels, and conductive plastics.