

Consultant and Expert Witness Credentials

Role: Business and engineering consulting for both domestic and international clients as well as expert witness services in areas of experience. Unique ability to explain and interpret complex engineering issues into understandable language for non-experts.

Background: Jack Long has over 35 years in various engineering, sales, and international positions, including as Chief Engineer and Senior VP International. Has supervised a staff of over 40 professionals in design engineering, testing, field service engineering and drafting. He is a recognized expert in metallurgy, castings, foundries, heavy equipment, metal fatigue and other areas of engineering; he has written and presented professional technical papers in seven countries and has been granted eight U. S. Patents on various sophisticated engineered products. He also has extensive experience in China and other countries.

Education and Industry Experience:

- Degree in Metallurgical Engineering- University of Missouri
- Officer, US Army Corps of Engineers
- Process engineering responsibility for large steel foundry and machine shop
- Headed Sales and Service Engineering function for proprietary rail equipment
- Industrial sales manager of steel castings for heavy equipment industry
- Chief engineer for railway proprietary freight and passenger equipment.
- Supervised International licensing activities for engineered equipment.
- Prepared International technical papers presented in seven countries
- Has been granted eight U S Patents.
- Responsible for licensees and international sales in ten countries
- Corporate staff responsibility for overseeing proprietary product litigation matters
- Advised legal counsel relating to Intellectual Property for combinations of technology, business and legal issues, with Depositions and Testimony in Federal Court cases.

Areas of Expertise:

- Metallurgy, foundry and machining technology
- Equipment testing – static , fatigue, on-track, and non-destructive
- Mechanical design and testing, including Failure Analysis of mechanical components
- Corporate technology related to litigation and acquisitions
- Patent and trademark related legal support
- Experience with remote performance monitoring systems
- International licensing and transfer of design and manufacturing technology
- Railway vehicle design and operation including locomotive, transit and freight

Please contact me for further details and information. Available both domestically and internationally for consultant and expert witness services. References upon request.