



Albert Juergens, III
810 Lower Swiftwater Road
Cresco, PA 18326
Cell: +1 (203) 770-3503
albert.juergens@gmail.com

Expert Witness, Patent Infringement & Validity, Trade Secrets, Intellectual Property Management

Patent Infringement, Inter-party Review, Prior Art Refutation, Claim Construction, Subject Matter Presentation to Court, Trade Secret Assessment, Patent Portfolio Evaluation for Due Diligence,

Areas of Expertise: Technical

Flexible, Rigid, Semi-rigid Endoscopes (rod lens, fiberoptic, and digital chip-on-tip), Snap-on CMOS and CCD Cameras, Electrosurgical Generators and Electrodes, Cysto-resection (Urology), Laparoscopic, and Gynecological Hand Tools, Lithotripters, Urological and Aesthetic Lasers, Stone Baskets, Guide Wires, Access Sheaths, M&A activities on both buying and selling side of transaction, Medical device standards & requirements: ISO-14971 (Risk Management), IEC-60601 (Medical Electrical Equipment), 21 CFR 820 (Quality Systems and Design Controls), IEC-62304 (Medical Device Software), IEC-62366 (Medical Device Usability), 510K's, ISO-10993 (Biocompatibility), MDD93/42/EEC (EU regulations)

Professional Experience:

- March 2010 – Present; OST Corporation – Principal

Engineering and patent consultant – Expert witness specializing in: medical product design and development, patent prosecution, patent infringement, infringing product tear-down & evaluation, technical review, claim construction, and patent portfolio evaluation and management. Engineered CMOS camera, aesthetic lasers & electrosurgical generators

- October 2017 – October 2018; American Optics – Chief Technology Officer

Responsible for the engineering and quality functions for an endoscopic device (rigid and flexible endoscopes) optical and mechanical component manufacturer. Charged with bringing new metrology and manufacturing techniques to enable working to closer tolerances with lower manufacturing costs as well as assuring compliance with IEC13485:2016 standards.

- October 2008 – February 2010; MicroGroup – Chief Technology Officer

Responsible for the specification and implementation of manufacturing technology and production processes for a \$48M medical device component manufacturer. 8 direct reports in two locations. Selected and introduced CAM software for CNC machine programming. Improved needle grinding capability. Improved cleaning processes and equipment.

- November 2004 – October 2008; Gyrus ACMI (Olympus) – Vice President, R&D

Responsible for the development of visualization and disposable products (predominantly urology and gynecology) in a \$400M company. 40+ direct reports including project managers, engineers, technicians, model makers, documentation specialists in three locations. Released over 15 new products and product upgrades in a two-year time frame.

- July 1981 – November 2004; Brattas Corporation – Principal

Engineering consultant specializing in multi-discipline (mechanical, electronic, optical, software) product and test systems development for medical device & industrial manufacturers.

PATENTS:

US Patent #10,492,849 – Surgical instruments and systems with multimodes of treatment and electrosurgical operation US Patent

#10,143,831 – Electrosurgical systems and methods

US Patent # 8,233,075 – User-aided auto-focus

US Patent # 7,313,246 – Information system using eyewear for communication

US Patent # 6,729,726 – Eyewear for hands-free communication

US Patent # 6,032,843 – Longitudinal transport of laterally curved resilient strip

US Patent # 5,497,060 – Positioning stage

EDUCATION:

B.S. Physics, Fairfield University, Fairfield, CT 1979