



Albert Juergens, III

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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) 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), MDD 93/42/EEC (EU regulations)

Intellectual Property Management, Patent Infringement, Trade Secrets

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

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, trade secret evaluation. 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 lowered 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; GyrusACMI (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.