

North Shore Associates

Patent Protection for Corporate Innovation

An intellectual property firm specializing in patent preparation and prosecution services for corporate clients. The IP professionals at North Shore Associates are dedicated to providing comprehensive and aggressive patent protection for corporate innovation. Our mission is to aggressively pursue comprehensive patent protection for the innovative ideas and products of our corporate clients in a timely and cost effective manner using a combination of real-world experience in science/engineering and an in-depth knowledge of the law.

Services and Capabilities

The IP professionals at North Shore Associates have extensive experience representing clients before the United States Patent and Trademark Office. In addition, each of our IP professionals gained extensive expertise while working in engineering and science related disciplines prior to becoming an IP practitioner. This mix of real-world technical expertise and IP experience facilitates providing quality representation in all aspects of patent preparation and prosecution, from inventor interviews through patent award.

Patent Specialty Areas

- Antennas and Propagation
- Biotechnology/Biochemistry
- Chemistry/Organic Chemistry/Chemical Engineering
- Communication Systems
- Electronics/Electrical Engineering
- Energy Storage and Conversion Devices
- Materials and Processing
- Medical Devices
- Nanotechnology
- Photonic Components and Systems
- RF/Microwave Components, Systems and Testing
- Semiconductor Technology, Design and Fabrication
- Software and Firmware

Additional Services Provided

- Patent Drawings
- Preliminary Background Search
- IP Portfolio Protection Consulting/Training
- Validity/Infringement Studies and Teardown Analysis
- Outside Counsel Management Services

Contact Information

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NSA IP Professionals

Elizabeth E. Leitereg, Esq., Patent Attorney

J.D. - Santa Clara University, School of Law, Santa Clara, CA, 1989

B.A. Chemistry - Rutgers University, Douglass College, New Brunswick, NJ, 1979

Graduated with General Honors and Departmental Honors With Distinction in Chemistry.

Admitted to the State Bar of California, 1989.

Admitted to the U.S. District Court for the Northern District of California, 1989.

Registered to practice before the United States Patent and Trademark Office, 1990.

Specialty areas: Chemistry/chemical engineering; materials and processing; circuit fabrication; semiconductor technology; nanotechnology; biotechnology; medical devices; and mechanical arts.

Ms. Leitereg is a patent attorney with over 19 years of patent preparation and prosecution experience. She also has a number of years of experience in licensing and other transactions involving IP; and has performed infringement and validity studies and patent portfolio due diligence evaluations. Prior to joining North Shore Associates, Ms. Leitereg worked for Hughes Electronics Corp. in Los Angeles, CA, as a patent attorney in the Patents and Licensing Department. During her tenure at Hughes, she supported the Hughes Research Laboratories, Commercial and Industrial Sector, Hughes Telecommunications and Space Company, and Hughes Space and Communications Company. Ms. Leitereg also was a patent associate at the law firm of Skjerven, Morrill, MacPherson, Franklin and Friel in San Jose, CA. Before becoming a patent attorney, Ms. Leitereg was a member of technical staff at Hughes Aircraft Company, Solid State Products Division, and a microelectronics process engineer at Applied Technology, Inc.

J. Michael Johnson, Ph.D., Patent Agent

Ph.D. Electrical Engineering - UCLA, Los Angeles, CA, 1997

M.S. Engineering - Engineering, U.C. Irvine, Irvine, CA, 1983

B.S. Biological Sciences - U.C. Irvine, Irvine, CA, 1980

Registered to practice before the United States Patent and Trademark Office, 1993.

Specialty areas: Electrical engineering; semiconductor design and fabrication; RF/microwave components, systems and testing; antennas; communication systems; software; consumer electronics; and mechanical arts.

Dr. Johnson is a patent agent with over 15 years of patent preparation and prosecution experience. Dr. Johnson has successfully prosecuted patent applications in a wide variety of disciplines including the electrical, mechanical, and software arts. Dr. Johnson was a member of the Electrical Engineering Department faculty at the University of Nevada, Reno, where he taught computer engineering and graduate-level numerical methods. At UCLA, he performed research in advanced numerical modeling including Finite Difference Time Domain (FDTD) and Genetic Algorithms at the UCLA Antenna Laboratory. Dr. Johnson has worked as a Sr. Staff Systems Engineer with Condor Systems where he worked in ELINT and SIGINT systems. He has also held positions with Deskin Research Group, Lockheed Missiles and Space, and Hughes Aircraft Company. Dr. Johnson has served as the PACE Chair for the IEEE Antennas and Propagation Society since 2000.

NSA Affiliated IP Professionals

Theodore J. Leitereg, Esq., Patent Attorney – Independent Contractor Counsel

J.D. - University of San Francisco, School of Law, San Francisco, CA, 1975

Ph.D. Organic Chemistry - UCLA, Los Angeles, CA, 1967

B.S. Chemistry - St. Peter's College, Jersey City, NJ

Admitted to the State Bar of California, 1975.

Registered to practice before the United States Patent and Trademark Office, 1976.

Specialty areas: Chemistry/ organic chemistry and biochemistry; immunology; biotechnology; diagnostic assays including drug assays, DNA assays, monoclonal antibody-based assays; materials and processing; medical devices; and mechanical arts.

Dr. Leitereg is a patent attorney with over 34 years of patent preparation and prosecution experience. He has experience in all phases of patent practice including drafting applications, amendments, appeal briefs, reply briefs and interference papers, and performing infringement, validity and patentability studies, and advising clients on patent strategy relating to patent portfolio and to third party patents. Dr. Leitereg previously worked for: (1) Behring Diagnostics Inc., San Jose, CA, where as Patent Counsel he was responsible for most of the U.S. patent matters for the diagnostics business acquired from Syntex/Roche; (2) Syntex Corporation, Palo Alto, CA, where he served as a patent attorney and as Director, U.S. Patent Operations, immediately prior to joining Behring Diagnostics Inc; at Syntex Corporation, Dr. Leitereg was responsible for patent matters concerning aspects of Syntex's pharmaceutical business and also provided in-house coordination of arbitration and litigation matters; (3) Cutter Laboratories, Berkeley, CA, where he served as Assistant Patent Counsel; and (4) Western Regional Research Laboratory, Berkeley, CA, where he served as Patent Advisor. Dr. Leitereg is a member of the California State Bar Association, and a member or former member of the American Intellectual Property Law Association, Peninsula Intellectual Property Law Association (now Silicon Valley Intellectual Property Law Association) where he served as President in 1993 and as a member of the Board of Directors from 1988 to 1995, the San Francisco Intellectual Property Law Association, and the Los Angeles Intellectual Property Law Association.