

RONALD P. LOCATI

Curriculum Vitae

President and Principal Consultant

APEX Electrical Interconnection Consultants, LLC
2408C Park Drive
Harrisburg, PA 17110

(717) 887-3761 **Mobile**
(717) 540-4330 **Message**
(717) 767-2547 **Direct & Fax**

rlocati@connectorconsultants.com
rlocati1@comcast.net

GENERAL BACKGROUND AND AREAS OF EXPERTISE

Business management and growth with emphasis on new product development, including product design, intellectual property generation, corporate acquisitions, project management, collaboration, negotiations, and marketing.

Due diligence and organizational optimization spanning value identification, efficiency gains, and reengineering of business processes. Extensive technical expertise in product design, patents, failure investigations, reverse engineering, root cause identification, in the field of electrical connectors, mechanisms, electromechanical devices, and related tooling. Specialized skill set includes project and team management, patent interpretation, expert witness, personnel development, creativity, cross-cultural functionality, technical writing, and organizational leadership.

Applicable field of experience spans medical devices and equipment, electrical appliances and industrial equipment, RF / cable television, defense and aviation, consumer electronics, fiber optic, data and telecommunications, automotive / transportation / off-highway industries, supercomputer and computing devices, networks and servers, lighting, and electrical-electronics industries.

EMPLOYMENT HISTORY AND PROFESSIONAL EXPERIENCE

APEX Electrical Interconnection Consultants, LLC

Harrisburg, PA

2002 to Present *President, and Principal Consultant*

General management, direction, and long-term growth of consulting firm. Activities span initial client contact, quoting and proposal writing, attraction and coordination of associate

independent expert consultations, advise and interpret strategic value, and expert witness activities. Assuring awareness and managing client understanding of capabilities and benefits of APEX expertise. Frequently engaged in patent interpretations, product failure investigations, design of new electromechanical devices, competitive product assessments, market studies, analytical testing and interpretation of results, and assessing supplier capabilities.

Stewart Connector Systems

Glen Rock, PA

Insilco Technologies [Bel Fuse Inc. - Bel-Stewart Connector]

1997-2002 *Vice President, Product / Process Engineering*
Director, Product Development

Directed the engineering department accountable for the design and performance of company's family of modular jack and plug telecommunication connectors.

Responsibilities included assuring product reliability through design robustness, spearheading the development and startup of a cost-efficient international supply base for components and tooling, coordinating twelve patent filings with outside counsel, high-level communication and collaboration with internal and external business partners. Key personal responsibilities included negotiating technology licensing arrangements and coordinating other business and legal issues.

LRC Electronics

Horseheads, NY

Augat [Thomas & Betts, Inc., Belden Corp.]

1994-1997 *Engineering Director*

Responsible for the design, development, specifications, and technical performance of coaxial connectors and passive cable-TV devices. Direct oversight of staff accountable for product designs, materials, prototyping, performance testing, and documentation including product specifications, detail drawings, external counsel (patent applications), product instructions, and technical papers. Primary technical interface with other company divisions, as well as major customers that were constructing and maintaining CATV systems. Invented and developed new coaxial interconnection products, and coordinated competitive product assessments, and the filing of seven related utility patent applications. Invented product designs included those used with outdoor trunk line as well as drop-line / indoor coax cable TV applications, featuring labor-savings, ease-of-servicing, reliability, and performance enhancement, simple termination techniques, and cost reduction. Hired and led a 24-person technical team, and was responsible for equipment purchases to support product design and development, document control, simulation analysis, validation testing, and connector prototyping. Served as chief technical liaison with company headquarters and represented responsible groups and projects to other internal divisions.

AMP Incorporated

Harrisburg, PA

[Tyco Electronics, TE Connectivity]

1991-1994 *Advanced Development Team Leader - Corporate R&D*
1988-1991 *Project Team Leader - Product Design, Operations*
1986-1988 *Product Marketing - Associate Manager*
1983-1986 *Product Design Development Engineer*
1979-1983 *Technical Product Support Engineer*

Progressive and blended technical / business career path, with advancing emphasis on design and development of electromechanical connector products, including responsibilities in project management, marketing / business development, and cross-functional team leadership. Broad span of responsibilities including customer liaison in both technical and business capacities, and direct creative involvement with numerous product improvements, cost reductions, and new designs. Customers served were from the defense, computer, commercial, and industrial equipment business sectors.

United States Steel Corporation

Pittsburgh, PA

1979 *Supervising Foreman*

Accountable for oversight of, and quick-response by, skilled staff responsible for maintaining high performance levels of rolling mills, annealing furnaces, plating / finishing lines, and related manufacturing process equipment used in the production of finished rolled-steel products.

Westinghouse Electric Corporation

Pittsburgh, PA

1978 *Test Engineer*

Assisted with planning, fixture design, setup, execution, and report writing for earthquake withstand testing of large-scale nuclear power generation equipment.

FMC Corporation (Syntron Division)

Homer City, PA

1977 *Maintenance Technician*

Participated in performing regular maintenance duties of machines and production equipment used to create automated part feeders and material handling equipment.

FORMAL EDUCATION

University of Pittsburgh
Johnstown, PA

B.S. Mechanical Engineering Technology
Graduated 1979

Shippensburg University
Shippensburg, PA

Masters of Business Administration
Partially Completed 1987

PROFESSIONAL DEVELOPMENT

Leadership, Motivation, Decision
Making Glastonbury, CT

Psychology and Impact of Decisions
Certificate, 1995

Center For Creative Leadership
Greensboro, NC

On-Site Leadership Development, 1-Week
Intensive Immersion Program
Certificate, 1996

Pennsylvania State University
State College, PA

Leadership in Project Management
Certificate, 2000

AMP Incorporated
Harrisburg, PA

27 Design, Technology, and Strategic
Business Courses

**PUBLICATONS --
NAMED INVENTOR ON THE FOLLOWING ISSUED U.S. PATENTS:**

8740636	Connectors for Electrically Active Grid
7997910	Connectors for Electrically Active Grid
6676423	Modular Electrical Connector Assembly Providing Electrostatic Discharge
6554638	Modular Electrical Connector Assemblies with Magnetic Filter
6428361	Surface Mountable Connector Assembly with Printed Circuit Board
6419526	High Frequency Bi-Level Offset Multi-Port Jack
6409535	Modular Plug and Cable Assembly
6402559	Modular Plug, Cable Assembly, Load Bar and Terminal Blade
6398591	Modular Jack for Tubular Enclosures
6267628	High Frequency Multi-Port Multi-Level Jack Assembly
6217391	Low Profile Jack and Communications Card
6193542	Modular Plug and Cable Assembly
6179667	High Frequency Connector with Contact Securing Insert
6089912	Post-Less Coaxial Cable Connector
6039609	Power Inserter Connector
5904596	Cable Terminator
5807117	Printed Circuit Board to Housing Interconnect System
5800211	Snap Together CATV Connector for Indoor Use
5769662	Snap Together Coaxial Connector for Polyethylene Jacket
5651698	Coaxial Cable Connector
5368491	High Density Electrical Connector
5322461	Electrical Connector with Posts Having Improved Tip Geometry
5240442	Electrical Connector with Posts Having Improved Tip Geometry
5161996	Header Assembly and Alignment Assist Shroud Therefor
5147225	Shroud-to-Board Polarization and Keying System
5129831	Right Angle Header Shroud Polarization and Keying System
5125850	Strain Relief for an Electrical Connector
5122079	Multiple Conductor Cable Connector with Towers
5064383	Multiple Conductor Cable Connector with Clip and Towers
5037323	Header Assembly and Alignment Assist Shroud Therefor
4685761	Electrical Contact Assembly and Method of Assembly
4509258	Connector Centering Device and Method for Using

(Note: Foreign filings and pending applications are not listed)

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