

RESULTS YOU CAN MEASURE

New Product Assessment - MinoTech Engineering was engaged to provide an assessment of new product opportunities on behalf of a client wanting to evaluate applications for excess MEMS foundry capacity. Our client is a leading provider of photonic switching systems and software.

Product Development, Life Sciences - New patent pending life sciences applications are being developed that will open new markets and opportunity for top and bottom line corporate growth.

Vendor Process Improvement - MinoTech Engineering collaborated with vendors to develop an improved fiber optic interrogated biochip product that met specifications, enabling the firms core technology.

Patent Mining - Over 92 patents were reviewed by MinoTech Engineering to determine potential for licensing value and identify possible infringement.

Fuel Cell Analysis - A manufacturing strategy analysis was undertaken to determine feasibility and costs to produce an innovative fuel cell product. The study enabled the next round of VC investment.

New Product Development Photonics - A low cost automated manufacturing process for fused biconic taper (FBT) couplers and WDM's was developed and implemented for deployment in Passive Optical Networks. Fiber stripping, fusion heat treatment, assembly, epoxy bonding, packaging and process optimization issues were addressed.

Business Process Optimization - Organization was restructured to focus efforts on enhancing world wide sales and technical support for existing products, generating cash flow needed to fund development of highly anticipated new product line.

ASK US FOR REFERENCES!

MinoTech Engineering Inc.

Combining Technical Consulting
with IP Management

Dr. Michael J. Minot, Senior Consultant and Founder of MinoTech Engineering. He consults on all facets of technical and business development and commercialization including technology assessment, R&D, intellectual property management, product and process development, as well as manufacturing and engineering operations.

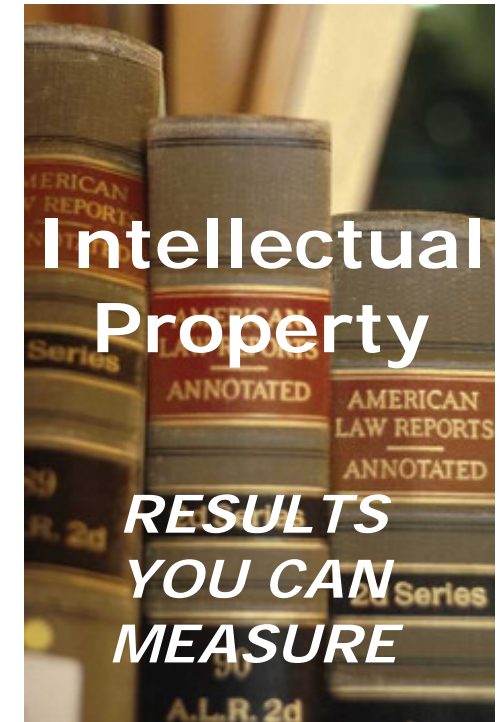
Joseph Stecewycz, Esq., is a consultant and patent attorney with MinoTech Engineering Inc. He concentrates his practice in the electronic, photonic, laser, optical, and computer arts. He has been registered to practice before the U.S. Patent Office since 1990 and was admitted to the Massachusetts bar in 1992. Prior to joining MinoTech Engineering, he worked as a patent attorney for a major Cambridge-based corporation and for two Boston patent law firms.

Dr. Ronald E. Pyle, Ph.D., E.J.D. is a MinoTech Engineering Affiliate. Previously, Dr. Pyle completed a distinguished career with Motorola Semiconductor Products, where he was Manager of Intellectual Property Operations. As the Director for Intellectual Property, he had responsibility for IP generation, patent preparation, administration, and prosecution as well as competitive intelligence, reverse engineering and patent licensing. He completed his E.J.D. degree and is a member of the Licensing Executives Society.

Our IP Specialists are backed by technical experts including Chemists, Physicist, Material Scientists, Metallurgists, Ceramists, Statisticians, Mechanical and Electrical Engineers. Most have advanced degrees, with extensive commercial product development and IP experience.



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MinoTech Engineering™ Inc.

provides R&D consulting services to technology based manufacturing organizations.

We provide scientific technical development, product development, and technology transfer commercialization services.

OUR SERVICES

- Product & Process Development
- Process Optimization
- Technical Problem Solving
- Analytical Services
- Experimental Design
- Design & Prototype Fabrication
- Technology Transfer & Commercial Development
- Project Management
- **IP Management & Licensing**
- SBIR Funding
- Business Process Optimization

TECHNOLOGIES SERVED

- Life Sciences
- Fiber Optics Manufacturing
- Specialty Fiber
- Passive Components, Sensors
- Fused Silica Glass Manufacture
- Optical Coatings, Large Optical Mirrors
- Portable Energy, Advanced Batteries & Fuel Cells
- Advanced & Electronic Materials
- Semiconductor Manufacturing, DOE, Process Control

IP MANAGEMENT & LICENSING

Technology / Manufacturing Firms

MinoTech Engineering will coordinate with your technical and management team as well as your patent counsel to establish an intellectual property strategy and insure that it is properly aligned with your technical and business development needs:

- Intellectual Property Position
- Patent Mining
- Technology Road Map
- Licensing

Tech Transfer & Commercialization

We work with technology based manufacturing firms, VC's and university licensing offices to identify likely opportunities to commercialize new, innovative technology:

- Provide technology based product and process development consulting services ,
- Address Intellectual Property Issues
- Identify potential markets
- Identify licensing opportunities
- Facilitate technology transfer
- Our goal is to insure commercial success!

Attorneys Filing / Litigating Patents

MinoTech Engineering™, Inc. provides expert technical support to attorneys filing or litigating technology based patents

- Patent Infringement Research/Mining
- Reverse Engineering and Analysis
- Claim Chart Preparation
- Licensing Negotiations
- Patent Litigation Support
- Expert Witness
- >92 patents analyzed over the past twelve months.

SCIENTIFIC TECHNICAL DEVELOPMENT

provides your organization with a competitive edge. You will work with an experienced technical team that has a track record of success doing technical development. Our consultants work with your organization, develop innovative products and processes, and insure that they are successfully commercialized.



Through our '**INSOURCE**' program, companies leverage their existing resources without hiring additional personnel. **We pride ourselves in our ability to provide outstanding process and equipment engineering services to technology based manufacturing firms.** Our consultants work 'hands on' at your facility, providing leadership to help your personnel develop new products and improve your manufacturing process. **This approach is particularly attractive as companies, hurt in the technology downturn, begin to see signs that their markets are slowly coming back.**

MinoTech Engineering™ Inc. provides comprehensive **DESIGN & FABRICATION SERVICES**, coordinating the commercialization process from initial concept, process development, prototype, pilot production, through full manufacturing. Our affiliates include:

- RenTec Process Piping Systems
- Connor Engineering Solutions

