

Michael Jobin
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Experience

2012-
Present

908 Devices Inc., Boston, MA

Co-Founder & Director of Product Development

- As a co-founder of 908 Devices, I lead mechanical engineering and design efforts for chemical detection instrumentation.

2008-2012

Aston Technology Advisors, Boston, MA

President

- Provide invention and technology integration services for clients including a medical device company, a major international consumer

2001-2008

Altitude, Inc., Somerville, MA

Engineering Manager (2001 -2005)

Director of Engineering (2005 -2008)

- Successfully developed new business proposals and contracts totaling several million dollars
- Managed clients in medical, consumer and commercial industries, including Boston Scientific, Jarden Consumer Solutions (home appliances) and Thermo Electron (XRF instrument)

2001-2002

MicroBiosciences, Inc., Cambridge, MA

Co-Founder and Chief Technology Officer (seed-funded startup)

- Invented microfluidics technologies & prototypes for High Throughput Screening
- Conducted extensive prior art searches & co-wrote three provisional patent applications
- Led business development; arranged meetings with top pharmas & biotechs to define product specifications & organize development consortium

2000-2001

Arthur D. Little, Inc., Cambridge, MA

Sr. Mechanical Engineer for Pyxsys Corporation (venture-backed spinout)

- Led mechanical engineering of next-generation network storage product, integrating contributions of mechanical, software, hardware and industrial designers

1998-2000

Boston Innovation, Inc., Cambridge, MA

Co-Founder and Chief Operating Officer (customer-funded startup)

- Developed new technologies for key clients, including: Bard (surgical instrument), Gillette (precision dispensing instrument), Merck, J&J, AstraZeneca (“fluid transistor” for life sciences microdispensing applications such as drug discovery and drug delivery)

- Co-developed technology for five pending patents and wrote provisional applications
- 1996-1998 **Proteus, Inc., Boston, MA**
Program Manager
- Co-founded & managed 6 person engineering department
 - Managed concurrent development projects for: Xylum (diagnostic instrument), Avery Dennison (writing instruments), Honeywell (electronic thermostat), and Physiometrix (anesthesia monitor)
- 1992-1996 **Design 4 Plastics, Inc., Chicago, IL**
Program Manager
- Engineered products for Packard Instruments, Barnant (laboratory instruments), Nortech (surgical pump), Seaquist (miniature valves) and Coca-Cola (fluid delivery)
 - Strong focus on plastic part design, materials, design for assembly, prototyping and tooling
- Education**
1987-1991 **University of Michigan, Ann Arbor, MI**
BS Engineering, Mechanical, *cum laude*
BFA Industrial Design, *cum laude*
- Other**
- Inventor on 25 issued (19 utility, 6 design) U.S. patents

- 1 US D932046 Fluidic cartridge assembly
- 2 US 9698000 Integrated mass spectrometry systems
- 3 US 10438787 Integrated mass spectrometry systems
- 4 US 9502226 Sample collection in compact mass spectrometry systems
- 5 US 9978574 Sample collection in compact mass spectrometry systems
- 6 US 9279821 Deicing system in sodar systems
- 7 US 9093253 High pressure mass spectrometry systems and methods
- 8 US 8958269 Transducer for phased array acoustic systems
- 9 US D703074 Handheld sensor
- 10 US D703075 Sensor device
- 11 US 8525111 High pressure mass spectrometry systems and methods
- 12 US 8012136 Ophthalmic fluid delivery device and method of operation
- 13 US 8545463 Ophthalmic fluid reservoir assembly for use with an ophthalmic fluid delivery device
- 14 US D597206 Ophthalmic misting device

- 15 US 7175270 Flexible frame assembly for eyeglasses
- 16 US 7210777 Floating lens brow bar attachment for eyeglasses
- 17 US 7237892 Temple bar with ball and socket hinge and method of making same
- 18 US 7246901 Adjustable length upper frame member for eyeglasses
- 19 US 7758789 Temple bar assembly for eyeglasses
- 20 US D534446 Handheld instrument
- 21 US 7080904 One piece spectacle with temple pre-load
- 22 US 6706538 Microvolume liquid dispensing array
- 23 US 6085773 Automatic fluid switching valve
- 24 US D425979 Window fan
- 25 US 5794897 Transmission line hanger, a method of attaching the hanger and the resulting assembly