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 **University of Michigan, Ann Arbor, MI**
1987-1991 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