

Robert S. Silvers
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HIGHLIGHTS

- Director-level R&D roles at multiple firearm companies.
- Experience in engineering management, presentations, product design, additive manufacturing, firearms, sound suppressors, magazines, accessories, and ammunition
- 16 years of expertise in 3D printing and additive manufacturing
- Have had thousands of artwork clients, including dozens of Fortune 500 companies.
- Designed several products that have won government contracts
- Experience as an Expert Witness for patent litigation in advanced manufacturing
- Led R&D teams in 3D printing innovation
- 15+ patents demonstrating engineering and design innovation
- Skilled in creating models and engineering drawings using SolidWorks and Fusion 360

PROFESSIONAL EXPERIENCE

2024 – present: B&T USA

Director of Research & Development

Silencer and firearms design. Industrial machine design and automation.

2023: SpaceX

On-site contractor, booster recovery team

Responsible for component of marine contingency plans.

2022 – 2023: Bambu Lab

Consultant - Advanced Filaments

Coordinated design efforts for an engineering team at a leading consumer 3D printer company in the field of advanced filament development.

2020 – present: Expert Witness Consultant

Provides expert analysis and testimony in patent cases involving advanced manufacturing technologies. Contributed detailed claim interpretations and technical reports for litigation support in the fields of Outdoor Industry, Firearms, and Additive Manufacturing / 3D printing.

2017-present: Plymouth County Sheriff Office

Reserve Deputy Sheriff

Law Enforcement Officer in Plymouth Country, MA.

2017: Leupold

Consultant

Designed reticle for 300 AAC Blackout optic and consulted on ballistic calculations.

2014 – 2017: Remington Outdoor Company

Director of Research & Development

Directed new product innovation in firearm accessories, overseeing design, CAD modeling, prototyping, and manufacturing. Managed production and testing for various firearm components.

2008 – 2014: Advanced Armament Corporation

Director of Research & Development

Led R&D projects, designed and promoted military-used silencers and suppressors, and contributed to CAD and manufacturing processes. Project lead at AAC for 300 AAC Blackout – the popular SAAMI cartridge that has won the support of more than 200 companies. Many of these products are in current military use.

2006 – 2008: Independent Consultant

Sound Suppressor Designer

Designed, patented, and trademarked a new type of sound suppressor, which was licensed to Advanced Armament Corporation. This design outperformed others on the market, and became the first 22lr pistol silencer to meter over 40dB reduction when dry, became the quietest 22lr rifle suppressor of reasonable size at the time, was the first practical monolithic silencer design, and was adopted in a larger-caliber format by both the Swedish military and a US Army special forces group.

1996 – present: Runaway Technology, Inc.

Founder, President, and CEO

Launched and led a successful company based on being the original inventor of the Photomosaic® process, bringing patented innovations to market. Created products featured on the covers of major publications like LIFE and Newsweek. Designed and developed custom projects for renowned clients such as Disney, IBM, and dozens of Fortune 500 companies.

Summer 1995: Helsinki School of Business and Economics

Instructor in Multimedia Design

Instructed a summer class for students at the graduate level.

1994 – 1996 Massachusetts Institute of Technology

Research Assistant, Motorola Fellow

Graduate Program in Media Arts and Science. Invented the Photomosaic® process.

1991 – 1994: NYNEX, Science and Technology, Inc.

Researcher

Developed and implemented the architecture for the NYNEX Shuttle video conferencing network.

1989 – 1991: Center for Productivity Enhancement, University of Massachusetts

Student Researcher

Related to the Video Communications Interface for remote automated robotic manufacturing

1988: Epoch Systems

Intern

Had responsibilities for programming utilities in the C language for the Unix operating system to monitor a high-capacity data storage system.

1987: Foxboro Company

Assembly Worker

Performed mechanical and electronic assembly in a work-cell environment

EDUCATION

1996: Massachusetts Institute of Technology

S.M., Media Arts and Science

Cambridge, MA

1991: University of Massachusetts, Lowell

B.S., Computer Science

Lowell, MA

CONTINUING EDUCATION

2017: Plymouth Police Academy

Student - Reserve Deputy Sheriff

Plymouth, MA

2012: Harvard Extension School

Project Management

Cambridge, MA

2005: South Shore Vocational

Machining / Welding

Hanover, MA

PATENTS AND REGISTERED TRADEMARKS

- 29987030 – Muzzle Device
- US6137498, Europe 97204149.5, UKEP0852363, Japan 3029413, Canada 2,26059, Australia 723,815 – Digital Composition of a Mosaic Image.
- US7874238 – Asymmetric Firearm Silencer with Coaxial Elements
- US8096222 – Asymmetric Firearm Silencer with Coaxial Elements
- 7,905,170 – Flash Suppressor
- D709588 S1 – Reticle for a Rifle Scope or Other Projectile-Weapon Aiming Device
- D753785 S1 – Reticle for a Rifle Scope or Other Projectile-Weapon Aiming Device
- 9,435,610 B2 / CA2801641 – Projectile-Weapon Reticle for Multiple Projectile Velocities
- D738982 A1 – Portion of a Flash Suppressor for a Firearm
- D750192 A2 – Portion of a Firearm Handguard
- US20150226531 A1 – Projectile and Mold to Cast Projectile
- Photomosaic®
- HYPOSONE®

- BLACKOUT®
- REDSHIFT®

SPEAKING ENGAGEMENTS

- 05/2012 NDIA Joint Armaments Conference
- 03/2012 TSWG AIM IV– Technical Support Working Group Ammo Initiative Meeting
- 01/2012 Joint JSOP/USSOCOM VAS, Ammo & Weapons R&D Conference
- 03/2011 TSWG AIM III – Technical Support Working Group Ammo Initiative Meeting

WHITE PAPERS / PUBLICATIONS

- 10/2018 Full Carbohydrate Consumption with Hybrid Closed-Loop Control of Insulin Delivery for Type 1 Diabetes - A Case Report
- 01/2012 Silvers R. 300 AAC Blackout Low Visibility Carbine. NDIA.
- 11/2011 The 300 AAC Blackout 7.62x35mm Silencer-Integrated Low Visibility Carbine
- 09/2011 Improved Small-Caliber Flash Suppressor
- 09/2011 Machine Gun Suppressor with Enhanced Reliability
- 09/2011 7.62x35mm Low Visibility Carbine
- 09/2011 A Barrier-Blind Optimal Penetration Projectile for 7.62x35mm
- 09/2011 M2HB Flash Signature without Reliability Reduction
- 03/2010 AAC Muzzle Brakes
- 03/2010 300 Blackout (7.62x35mm) PDW Ammo
- 03/2010 AAC Flash Suppressors / Signature Reduction Devices
- 03/2010 AAC Future Accessories
- 01/2010 AAC Signature Reduction Devices
- 01/1995 Silvers R. Livemap – ACM

SELECT AWARDS AND HONORS

- “Best New Caliber – 300 AAC Blackout” – Outdoor Wire
- “Best of Shot Show 2011 – 300 AAC Blackout” – Beyond556
- First Prize CIMA Awards, Top 50 Movie Poster of all time.
- Computer Interface Design accepted into the permanent Museum of Modern Art Collection
- 19 countries have commissioned me to design their postage stamps.
- Designed cover of LIFE Magazine 60th Anniversary Issue, which won the Merit Award from The Art Director’s Club
- The National Gallery in London selected Silvers’ portrait of Microsoft Chairman Bill Gates for their “Painting of the Century” exhibit, highlighting influential art of the 21st century.
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- Mastercard’s Photomosaic was awarded First Prize for print advertising at the CIMA Awards.
- Photomosaic Jigsaw Puzzles were awarded Puzzle of the Year honors by the Australian Games Association.
- A Photomosaic calendar won Japan’s Minister of Education Prize.
- Commissioned portraits of Senator Barry Goldwater, Vice President Al Gore, H. M. King Hussein of Jordan, President George Bush, Prime Minister Tony Blair, Oprah, Ferrari family, President Obama, Arnold Schwarzenegger, and dozens of others.

EXPERT WITNESS CASES / LEGAL

Stratasys Inc. v Bambu Lab (Fish & Richardson)

https://insight.rpxcorp.com/litigation_documents/15797607

HuxWrx v SilencerCo (Nelson Bumgardner Conroy)

https://www.pacermonitor.com/public/case/52406158/HuxWrx_Safety_Co_v_SilencerCo

Status: Resigned from case after long period of inactivity and then accepted a full-time industry job.

Sig Sauer Inc. v. Springfield, Inc. (Arentfox Schiff)

Related to Pistol Magazines: patent Nos. 10, 480, 880 and 10, 962,315

<http://dockets.jusja.com/docket/illinois/ilcdce/4:2021cv04085/83233>

NST Global, LLC, (SB Tactical) v. Sig Sauer, Inc. (Burns & Levison)

Related to Pistol Braces: Patent Nos. 8,869,444 and 9,354,021

<http://law.jusja.com/cases/federal/appellate-courts/cafc/21-2241/21-2241-2022-11-08.html>

Lewis Machine & Tool Company v. WHG Properties, LLC (Geissele Automatics) (Alston & Bird)

Related to rifle triggers, Patent 2,366,823

<http://dockets.jusja.com/docket/illinois/ilcdce/4:2019cv04030/75445>

Surefire, LLC v. Advanced Armament Corp. (Darby & Darby)

Related to firearm silencer Trademark

<http://dockets.jusja.com/docket/california/cacdce/8:2008cv01405/432945?amp>

Public Patent Foundation v. Robert Silvers

<http://www.pubpat.org/assets/files/silvers/silvers498request.pdf>

PERSONAL

U.S. Citizen, born in New Hartford, New York