

## Shane Crippen

ASSOCIATE

Patents and  
Innovations  
*Boulder*

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### FOCUS AREAS

Artificial Intelligence and  
Machine Learning

Life Sciences

Medical Devices

NewSpace

Patents and Innovations

Semiconductors

### EXPERIENCE

Dr. Shane Crippen is an associate in the Boulder office of Wilson Sonsini Goodrich & Rosati, where he is a member of the patents and innovations group. He focuses on patent prosecution and counseling.

Prior to joining the firm, Shane served in the U.S. Air Force as a command pilot, professor of electrical engineering, and member of the Parachute Team Wings of Blue. While in the Air Force, he completed his doctoral degree in electrical engineering. During his doctoral research, he coupled droplet microfluidic devices with high speed imaging to characterize the biomechanical properties of single cancer cells. His research validated real world microdevices with numerical simulation and modeling. During his master's research, he coupled microfluidic devices with dielectrophoresis to understand the response of DNA to nonuniform electric fields. After leaving the Air Force, he joined a start-up company developing a nanotechnology-based, cancer theranostic. His law school studies focused on IP law, business and corporate law, and venture capital and corporate finance.

Shane's background as a seasoned Air Force pilot and operator provides a unique advantage for his aerospace clients. Shane's hands-on experience in the aerospace field equips him with a deep understanding of the nuances involved in aerospace technology. This enables him to offer aerospace clients a perspective that bridges the gap between law and the highly technical aspects of the aerospace industry. In addition to patent advice, Shane offers strategic guidance rooted in real-world experience, adding remarkable value to his aerospace clients.

### CREDENTIALS

#### Education

- J.D., UC Berkeley School of Law
- Ph.D. Electrical Engineering, Stanford University
- M.S., Electrical Engineering, University of Washington
- B.S., Electrical Engineering, U.S. Air Force Academy

#### Admissions

- State Bar of Colorado
- U.S. Patent and Trademark Office