



HIGHLIGHTS

■ **Pioneers in Quantum Technology Commercialization**

Wilson Sonsini offers unparalleled legal guidance to companies developing transformative technologies in quantum computing. Our attorneys and patent agents leverage their own scientific and engineering experience and extensive industry networks to advise clients engaged in commercial matters and other ventures in this rapidly developing sector.

■ **Comprehensive Offerings for Emerging Technologies**

As legal advisors, we provide a holistic approach by drawing on the firm's experience in corporate governance, intellectual property protection, and data privacy. Our leadership roles in key organizations and our deep understanding of the industry position us as a trusted partner for emerging companies that are leaders in the field.

OVERVIEW

As the premier legal advisor to deep technology, life sciences, and growth enterprises worldwide, Wilson Sonsini attorneys have the legal know-how and scientific and engineering backgrounds to represent leading companies at the forefront of the quantum computing ecosystem.

In this rapidly developing multidisciplinary field, our attorneys and patent agents are helping quantum computing companies commercialize their technologies, including:

- hardware and methods for quantum computing, quantum cryptography, and quantum sensing;
- quantum computing software that uses machine intelligence (e.g., machine learning) and optimization algorithms;
- quantum mechanical systems and advanced computational methods for life science applications, such as molecular drug design; and
- quantum computing systems designed to simulate electronic and chemical properties of new materials and molecules.

Our team also represents companies exploring various related hardware approaches, including superconducting, trapped ion, trapped atom, and photon quantum bits (or qubits).

Further, our exposure to cutting-edge quantum computing technologies continues to expand to other areas developing innovative and rapidly evolving applications.

The Advantages to Working with Our Team

▪ **Resource Connections**

Our attorneys and patent agents are firmly connected to important scientific, engineering, venture capital, and financial resources in key deep technology and life sciences markets.

▪ **Science Savvy**

Our team possesses in-depth experience in a wide range of scientific, engineering, and technical fields, including quantum theory,

device engineering, computer engineering, machine learning and artificial intelligence, materials science, diagnostics, tools, genomics, digital health, bioinformatics, and various engineering fields. Many of our attorneys and patent agents have advanced degrees in science and engineering—backgrounds important to quantum computing.

- **Leadership and Recognition**

Wilson Sonsini's attorneys hold leadership roles inside organizations that are central to innovation and policy development.

Comprehensive Representation and Strategic Legal Counsel

Our attorneys often act as strategic general counsel, advising clients on ongoing operational and business affairs. We also offer clients representation across a comprehensive range of areas, including:

- **Corporate**

The firm's corporate practice can assist companies across their entire life span, from formation and venture capital financings to sophisticated, complex technology and business transactions. Our transactional experience includes strategic alliances and joint ventures, IPOs and other public offerings, mergers and acquisitions, corporate governance, compensation and benefits, and other operational areas.

- **Intellectual Property**

Our IP attorneys and patent agents help innovative companies protect and leverage their intellectual assets. Our team of recognized IP professionals works with clients in all areas, particularly strategic IP and patent counseling, commercial and technology transactions, IP-related disputes, and regulatory-related issues. We have secured many patents for companies in the quantum computing and related spaces. We have proven to be a premier firm when it comes to helping companies structure and implement IP strategies (including securing foundational patents), structure complex transactions, and formulate strategies to effectively manage IP-related disputes.

- **Data, Privacy, and Cybersecurity**

Wilson Sonsini's cross-disciplinary team of highly experienced professionals helps companies navigate laws, regulations, and industry standards governing the collection, storage, and use of information. Our data, privacy, and cybersecurity team includes former senior officials who served in the U.S. DOJ's National Security Division, the FTC's Bureau of Consumer Protection, U.S. military contracting functions, and other enforcement agencies that oversee privacy and cybersecurity matters throughout the U.S. and in international markets. The team also includes leading litigators and veteran trial attorneys who have litigated cases involving novel issues of law and complex technologies. Rounding out the team are compliance and transactional attorneys, including several with proficiency in key regulatory areas governing U.S. export controls and trade.

SELECT REPRESENTATIVE MATTERS

- Advised IonQ on corporate matters including acquisitions.
- Advised Riverlane, a quantum engineering company, on its £15 million Series B financing in April 2023.
- Advised Breakthrough Victoria on its investment in the Series B financing for ColdQuanta in November 2022.
- Advised QC Ware, developer of enterprise software designed for quantum computing, on its Series B financing led by Koch Disruptive Technologies and Covestro in September 2021.
- Advising IQB Information Technologies on IP matters including patent prosecution and licensing.
- Advising Atom Computing on patent, corporate, and licensing matters.