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Emily Shu is a member of Alston & Bird's Intellectual Property – Electrical, Software & Computer Science Patents Team. She has experience in patent portfolio management, IP rights protection, patent analysis, and patent prosecution. Emily has defended numerous patent assertions from nonpracticing entities (NPE) and licensors with invalidity and noninfringement analysis.

She has also drafted hundreds of U.S. and Patent Cooperation Treaty applications, office action responses, and appeals in semiconductor, display, and other electronics fields. She has research experience in semiconductor materials and process development, as well as optical imaging and solid-state lasers. She received her Ph.D. and M.S. in physics from Columbia University and has published more than 25 articles in various science and technology journals.

Representative Experience

- As an in-house IP manager in a large semiconductor foundry, led an in-house IP team dealing with patent infringement litigation, licensing demand, and patent transaction projects.
- Grew and managed a portfolio of more than 10,000 patents focusing on advanced semiconductor process technologies as an in-house IP manager in a large semiconductor foundry.
- As an in-house IP manager in a large semiconductor foundry, managed a dozen patent firms, filing and prosecuting more than 2,000 applications annually.
- As a patent prosecutor, performed U.S. patent prosecution, including drafting applications and office action responses for large semiconductor foundries worldwide.

Education

- Columbia University (Ph.D., 1985)
- Columbia University (M.S., 1982)

Languages

- Mandarin
- English

Admitted to Practice

- U.S. Patent and Trademark Office

Related Services

Intellectual Property | Patent Prosecution, Counseling & Review | Electrical, Software & Computer Science Patents | China Business Team | Patents - China Business Team