



Tao Feng

TECHNICAL ADVISOR

Tao is a Technical Advisor in the Patent Group.

Practices

[Patent](#)

Education

Michigan State University, PhD, 2016
Tsinghua University, MS, 2008
Tsinghua University, BS, 2006

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Tao has an extensive background in computer, software, electronics, and communication engineering, with years of patent drafting and prosecution experience spanning video coding, wireless communications, artificial intelligence, semiconductor devices, and electronic systems.

Previous Work

Prior to joining ArentFox Schiff, Tao served as a Technical Advisor at a prominent Virginia based firm where he drafted and prosecuted U.S. patent applications—including standard-essential patents in video coding and wireless communications—revised U.S. and PCT applications, and reviewed office action responses for foreign applications. Before entering the intellectual property field, Tao was a Senior Electrical Engineer at Skyworks Solutions, Inc., where he researched and developed RF front-end modules for 4G/5G cellular communication and designed high-performance, high-power handset power amplifiers.

Publications, Presentation & Recognitions

Tao's publications include:

- Tao Feng, *et. al.*, “A CMOS System-on-Chip Architecture for Passive Ultrasonic Energy Harvesting and Back-telemetry”, IEEE Transaction on VLSI Systems, vol. 24, 2016.
- Tao Feng, *et. al.*, “Self-powered Monitoring of Repeated Head Impacts using Time-dilation Energy Measurement Circuit”, IEEE Transaction on Biomedical Circuits and Systems, vol. 9, 2015.
- Tao Feng, *et. al.*, “Hybrid CMOS Rectifier based on Synergistic RF Piezoelectric Energy Scavenging”, IEEE Transaction of Circuits and Systems I, vol. 61, 2014.
- Tao Feng, *et. al.*, “High-Q On-Chip Inductors Embedded in Wafer-Level Package for RFIC Applications”, 2008 International Conference on Electronic Packaging Technology & High

Density Packaging (NXP Semiconductor Best Paper Award).

Life Beyond the Law

Outside of work, Tao enjoys watching and playing soccer games.