



**Wayne Z. Zou, Ph.D.**

Founding Partner

Office: +1 (571) 318-9790

Mobile: +1 (513) 967-6043

Email: [wayne.zou@bayes.law](mailto:wayne.zou@bayes.law)

1750 Tysons Boulevard, Suite 1500

McLean, VA 22102

<https://www.linkedin.com/in/zouzhiwei/>

---

**Education**

J.D., DePaul University College of Law

Ph.D., University of Cincinnati, Electrical Engineering

B.S., Nanjing University, Electrical Engineering

**Admissions**

District of Columbia (D.C.) Bar

Virginia State Bar

U.S. Patent and Trademark Office

**Practice**

Wayne Zou, Ph.D. has a decade of experience in patent practice, including patent procurement, client counseling, patent portfolio management & transactions, post-grant proceedings before the Patent Trial and Appeal Board (PTAB) of the U.S. Patent and Trademark Office (USPTO), and patent litigation in U.S. federal district courts and Section 337 investigations at the U.S. International Trade Commission (ITC).

Wayne has prepared and prosecuted thousands of patent applications in the electrical, software, Internet, electro-mechanical, medical device, and business methods fields, such as in the areas of semiconductor device and manufacturing, display technology, artificial intelligence, and wireless communication. He has also been actively involved

in over one dozen patent office post-grant proceedings, representing both patent owners and petitioners. He has also assisted in due diligence and opinion work on semiconductor device, manufacturing, and medical device-related patent matters. In addition, Wayne has assisted in patent litigation matters related to thin film transistors (TFTs), LCD panels, processors, biometric devices, and Internet services in federal district courts and ITC.

Wayne has extensive technical experience in the areas of semiconductors, microfabrication, MEMS, biosensors, microfluidics, telecommunications and networking. He has published 14 peer-reviewed journal articles. One of his journal papers related to biosensors and microfluidics was recognized with the IEEE Sensor Journal Best Paper Award in 2009.

Prior to founding Bayes PLLC, Wayne has practiced for almost ten years at both general practice law firms and IP boutique law firms, including Sterne, Kessler, Goldstein & Fox PLLC, Pillsbury Winthrop Shaw Pittman LLP, and Dentons US LLP.

## **Practice Areas**

### **Patent Office Practice**

- Utility and Design Patent Drafting
- Utility and Design Patent Prosecution
- Appeals to the PTAB
- Reexaminations
- AIA PTAB Proceedings

### **Patent Litigation**

- District Court Litigation
- Section 337 ITC Litigation
- Settlement Negotiation
- Pre-litigation Diligence

### **Other Practices**

- Patent Licensing and Transactions
- Due Diligence
- Legal Opinions and Counseling
- Global Portfolio Planning and Management

## **Representative Experience**

*Taiwan Semiconductor Manufacturing Company, LTD., v. Dr. Uri Cohen*

PTAB IPR2018-00467

PTAB IPR2018-00468

PTAB IPR2018-00469

PTAB IPR2018-00470

PTAB IPR2018-00471

Relevant technology: Semiconductor device and fabrication

*Taiwan Semiconductor Manufacturing Company, LTD., v. Godo Kaisha Bridge 1*

PTAB IPR2017-01861

PTAB IPR2017-01862

Judges Arbes, Chagnon, Abraham

Relevant technology: Semiconductor device and fabrication

*EMC Corporation, etc., v. Intellectual Ventures I, LLC*

PTAB IPR2017-00374

PTAB IPR2017-00439

Judges Braden, Galligan, Sawert

Relevant technology: Distributed network storage devices

*Netapp, Inc. v. Intellectual Ventures II, LLC*

PTAB IPR2017-00276

Judges Smith, Bisk, Bunting

Relevant technology: Multiprocessor system

*Alarm.com Inc. v. Vivint, Inc.*

PTAB IPR2016-01091

Judges Zecher, Arpin, Boudreau

Relevant technology: Remote control and monitoring

*MotionPoint Corporation v. TransPerfect Global, Inc.*

PTAB CBM2015-00168

PTAB CBM2015-00178

Judges Quinn, Plenzler, Chagnon

Relevant technology: Online translation

*MotionPoint Corporation v. TransPerfect Global, Inc.*

PTAB CBM2014-00060

PTAB CBM2014-00066

PTAB CBM2014-00067

Judges Giannetti, Gerstenblith, McKone

Relevant technology: Online translation

*MiiCs & Partners America Inc. et al v. Funai Electric Co. Ltd. et al.*

D. Del. 1:14-cv-00804

Judge Andrews

Relevant technology: Thin film transistors (TFTs) and LCD displays

*Advanced Silicon Technologies LLC v. Volkswagen AG, Volkswagen Group of America, Inc., Volkswagen Group of America Chattanooga Operations, LLC, Audi AG, and Audi of America, LLC, et al.*

ITC-337-TA-984

Judge Pender

Relevant technology: Graphic processing unit (GPU)

*Blue Spike, LLC v. ZkTeco, Inc. et al.*

E.D. Tex, 6:12-cv-00608

Judge Schneider

Relevant technology: Biometric sensors

*LucidMedia Networks, Inc. v. Augme Technologies, Inc.*

E.D. Va. 3:11-cv-00282

Judge Hudson

Relevant technology: Multimodal information service

## **Selected Publications**

A. Jang, **Z. Zou**, K. Lee, et al., "State-of-the-art lab chip sensors for environmental water monitoring", *Measurement Science and Technology* 22, 032001, (2011)

A. Jang, **Z. Zou**, K. Lee, et al., "Potentiometric and voltammetric polymer lab chip sensors for determination of nitrate, pH and Cd (II) in water", *Talanta* 83, 1-8, (2010)

A. Jang, **Z. Zou**, E. MacKnight, et al., "Development of a portable analyzer with polymer lab-on-a-chips (LOCs) for continuous sampling and monitoring of Pb(II)", *Water Science and Technology* 60, 2889-2896, (2009)

**Z. Zou**, J. Kai, and C. H. Ahn, "Electrical characterization of suspended gold nanowire bridges with functionalized self-assembled monolayers using top-down fabrication method", *Journal of Micromechanics and Microengineering* 19, 0055002, (2009)

**Z. Zou**, E. MacKnight, A. Jang, et al., "An on-site heavy metal analyzer with polymer lab-on-a-chips for continuous sampling and monitoring", *IEEE Sensors Journal* 9, 586-596, (2009)

**Z. Zou**, A. Jang, E. MacKnight, et al., "Environmentally-friendly disposable sensors with microfabricated on-chip planar bismuth electrode for in situ heavy metal ions measurement", *Sensors and Actuators B: Chemical* 134, 18-24, (2008)

**Z. Zou**, S. Lee, and C. H. Ahn, "A polymer microfluidic chip with interdigitated electrodes arrays for simultaneous dielectrophoretic manipulation and impedimetric detection of microparticles", *IEEE Sensors Journal* 8, 527-535, (2008)

**Z. Zou**, J. Kai, M. J. Rust, et al., "Functionalized nano interdigitated electrodes arrays on polymer with integrated microfluidics for direct bio-affinity sensing using impedimetric measurement", *Sensors and Actuators A: Physical* 136, 518-526, (2007)

**Z. Zou**, J. Han, A. Jang, et al., "A disposable on-chip phosphate sensor with planar cobalt microelectrodes on polymer substrate", *Biosensors and Bioelectronics* 22, 1902-1907, (2007)