



## FRANKIE W. WONG PATENT AGENT

455 N. Cityfront Plaza Drive | Suite 3600  
Chicago, IL 60611

P 312.840.3283  
F 312.321.4299  
[fwong@brinksgilson.com](mailto:fwong@brinksgilson.com)

### EDUCATION

M.S., Electrical Engineering  
Santa Clara University, 1985  
M.S., Chemical Engineering  
San Jose State University, 1980  
B.A., Biochemistry  
University of California, Berkeley, 1978

### BAR ADMISSIONS

U.S. Patent & Trademark Office

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Mr. Wong received Patent Certification at Brinks. He has over 14 years of experience in drafting and prosecuting patent applications covering hardware and software aspects of IC chips, handsets, base stations, subsystem controllers and system integration of 3G to 5G multi-carrier multi-mode wireless network communications standards including: LTE, 3GPP, GSM, GPRS, EDGE, CDMA, WCDMA, UMTS, WiFi, Bluetooth, WLAN, VoIP, cyber traffic securities, optical fiber communication system, MIMO antenna systems for WiMAX and hotspots, Internet of Things (IoT) control and smart appliances. Mr. Wong has also drafted and prosecuted patent applications in technology areas covering Internet of Things (IoT) control, multimedia social network applications, computer art, flat panel displays, 3D stereoscopic displays, opto-electronics and semi-conductor devices, analog and digital circuits, chemical compositions, medical implant devices, imaging and analyzer instruments, database search algorithms, mechanical devices, liquid flow measurements, connectors, electric utility power generation, transmissions, control and measurements.

Prior to joining Brinks, Mr. Wong had drafted over 25 patent applications and had prosecuted more than 230 patent applications with over 75 allowances. Since joining Brinks in a period of about seven years, he had drafted over 75 patent applications and drafted over 1,500 Office Action responses on 750 patent applications resulting in about 380 allowances through direct draft efforts, of which almost half of the allowances were through a single response or first response. Mr. Wong's patent prosecution experiences span from office action responses and conducting Examiner's interviews to Pre-Appeal Briefs, Appeal Briefs and Reply Briefs. Mr. Wong had succeeded an in-person Oral Hearing before the Patent Trial and Appeal Board, and is also experienced in conducting phone and video conference Oral Hearings.

Mr. Wong's prior engineering career experience include over 20 years of design and manufacturing experience in RF and microwave circuits, silicon IC layout, communication system subassemblies in the Hi Tech industries in the Silicon Valley. His hands on engineering design and manufacturing experiences with up-to-date understanding of technology trends and being bilingual, are assets to retaining existing clients and supporting new clients from harvesting invention disclosures to drafting and prosecuting patent applications. Mr. Wong is fluent in English and Chinese (both Mandarin and Cantonese), and is able to conduct inventors' interviews and client phone interviews in native Chinese.

### EXPERIENCE | LEGAL EXPERIENCE

- **Brinks Gilson & Liono**, Chicago, Illinois  
Patent Agent, 2006 - Present

## Biographies | Frankie W. Wong

- **McAndrews, Held & Malloy**, Chicago, Illinois  
Patent Agent, 2007- 2012
- **Schweitzer Engineering Laboratories, Inc.**, Pullman, Washington  
In-house Patent Engineer, 2005-2006
- **Patent Planet**, Los Altos, California  
Contractor Patent Assistant to Patent Attorney, 2002-2005

### EXPERIENCE | NON-LEGAL EXPERIENCE

- **Nexyn Corporation**, Santa Clara, CA  
Application/Design Engineer & Co-Founder, 1998-2002

#### **Microsource, Inc./Gigatronics**, Santa Rosa, CA

Senior Staff Design Engineer, 1994-1998

- **CTT Inc.**, Santa Clara, CA  
Senior RF Design Engineer, 1991-1994

### PRACTICE GROUP

Patent Prosecution

### AREA OF FOCUS

Automotive

Chemicals, Energy & Agriculture

Electrical & Computer

Mechanical

Medical Device

Nanotechnology

### TECHNICAL BACKGROUND

- Semiconductors
- Signal Processing
- Software
- Analog Electronics
- Digital Electronics
- Automation
- Biochemistry
- Control Systems and Automation
- E-Commerce
- Inorganic Chemistry
- Material Science
- Organic Chemistry and Synthesis
- Polymer Science
- Telecommunication
- Chemical Engineering

### LANGUAGES

- Mandarin
- Cantonese