

CHARLIE FRANKLIN, PH.D.

PRINCIPAL / ST. LOUIS METRO OFFICE

Charlie advises on the preparation and prosecution of both U.S. and foreign patent applications. He focuses on helping clients obtain broad patent protection for innovations in the computer, electrical, and mechanical fields, including computer software and processing systems, power supplies and circuits, electric motor controls, wireless communications, and HVAC systems.

Charlie is focused on providing efficient and cost-effective solutions for his clients, including patentability analyses to develop effective patent filing strategies. Charlie helps protect client products from competitor patents by preparing freedom to operate opinions and design around recommendations. Charlie also assists with litigation matters, including *Inter Partes* Review (IPR) trials.

PRACTICE AREAS

Patents

INDUSTRIES

Electrical, Computer & Internet; Energy Production & Delivery; Software & Information Technology; Telecommunications & Wireless Technology

KEY MATTERS

- Prepared and prosecuted U.S. and foreign patent applications for multiple large companies specializing in computer software, electric power, circuits and telecommunications technologies.
- Counseled individual inventors and small businesses in preparation and prosecution of utility and design patents, as well as patentability analyses for new innovations.
- Drafted a reissue patent application for a patent previously involved in litigation to strengthen client's patent protection.
- Assisted with complex litigation involving multiple patent families and IPR trials.



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PUBLICATIONS

- Franklin CC, Mohan A, Merle D, Lannin J and Nair SS (2012) Perceptions of professional skills by graduate students— A comparative study between Engineering, Education and Biology, *International Journal of Engineering Education* 28(3):588-598.
- Franklin CC, Ball JM, Schulz DJ, Nair SS (2010) Generation and preservation of the slow underlying membrane potential oscillation in model bursting neurons, *Journal of Neurophysiology* 104:1589-16410.

BACKGROUND

Before attending law school, Charlie was involved in graduate research at the University of Missouri regarding computational modeling in neuroscience using electrical circuits and networks. His education and background help him to quickly understand current and complex technologies as needed.

AWARDS & DISTINCTIONS

- *Washington University Jurisprudence Review*, Senior Editor
- *St. Louis Small Business Monthly*, “Best Patent Attorney,” 2017

EDUCATION

J.D., *cum laude*, Washington University in St. Louis, 2013

Ph.D., Electrical and Computer Engineering, University of Missouri, 2017

B.S., Electrical Engineering, *summa cum laude*, University of Missouri, 2007

B.S., Computer Engineering, *summa cum laude*, University of Missouri, 2007

BAR & COURT ADMISSIONS

Missouri

U.S. Patent and Trademark Office