



ZACHARY J. BLOCK

ASSOCIATE

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As a member of Armstrong Teasdale's Intellectual Property practice, Zach counsels clients on patent acquisitions, licensing, enforcement, product clearance, freedom-to-operate, validity and due diligence. He works closely with inventors and businesses to develop IP strategies and build portfolios. Zach also assists clients on issues of patent infringement, provides opinions of noninfringement and invalidity, and performs due diligence and patent landscape analyses.

As a patent attorney registered to practice before the U.S. Patent and Trademark Office, Zach actively engages in preparation and prosecution of U.S. and international patents. For each patent, Zach proficiently advocates for his clients to carve new boundaries in both new and existing technological fields. He guides inventors, engineers and in-house counsel through all stages of the patent application process.

Zach has vast patent experience in electrical and software technologies including electric motors and controls, electronics, power systems, modeling, simulation, algorithms, semiconductors, graphics processing, avionics and antennas. Zach also has patent experience in adjacent technologies and industries, including animal feed and care products, agricultural equipment, electronic pari-mutuel wagering, electronic casino gaming, oil and gas extraction and exploration, insurance, trace detection, and CT imaging. Within the health care industry, Zach has patent experience including cardiac catheters, heart pumps, implantable medical devices, pharmaceutical software, magnetic resonance, computed tomography and other imaging technologies.

EDUCATION

- Southern Methodist University School of Law (J.D., *cum laude*, 2012)
- Missouri University of Science and Technology (B.S., *cum laude*, 2005)
 - Electrical Engineering

BACKGROUND

In his previous career as an engineer at The Boeing Co., Zach wrote sensor algorithms for the U.S. Navy and, before that, designed and integrated flight simulation systems for U.S. Air Force and U.S. Navy aircraft, as well as various other combat systems.

Prior to joining the firm, Zach was in private practice at a boutique intellectual property firm in Dallas.

SERVICES AND INDUSTRIES

Intellectual Property

Patent

ADMISSIONS

Texas

Missouri

U.S. Patent and Trademark Office

EXPERIENCE

Managed International Patent Portfolio for Health Care Company

Managed U.S. and international patent portfolio related to heart pumps, cardiac catheters, electrocardiograms, heart mapping, heart monitoring and ablation therapy technologies.

Management of U.S. and Foreign Patent Families for Major Medical Device Companies

Managed multiple U.S. and foreign patent families and provided strategic counsel for medical device companies involving technologies related to fluorescent imaging, vascular occlusion, neuromodulation, and renal and cardiovascular devices.

Patent Portfolio Management for Multinational Aerospace Corporation

Managed patent applications relating to semiconductors, avionics, antennas, modeling, simulation, non-destructive testing, flight control systems, communication systems, electronics, and unmanned systems.

Patent Portfolio Strategy and Management for Multinational Electric Motor and Power Transmission Company

Developed and executed domestic and foreign patent filing strategy and management of a patent portfolio for a multinational electric motor and power transmission company related to commercial and industrial systems.

Prosecuted Patent Applications for Large University Client

Drafted and prosecuted patent applications relating to medical imaging technologies including CT, MRI, optical tomography and image processing.

Prosecuted Patent Applications for Multinational Telecommunications Company

Drafted and prosecuted patent applications relating to mobile devices and telecommunications.

Prosecuted Patent Applications for Technology Company

Drafted and prosecuted patent applications relating to computing, graphics processing and signal processing.