

## People



## Ryan L. Harding

Partner, Intellectual Property

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Ryan Harding focuses his practice on the development and protection of intellectual property in the United States and abroad. Ryan represents clients before the U.S. Patent and Trademark Office and leverages a network of foreign counsel to build multinational intellectual property portfolios.

Ryan's clients include companies ranging from Fortune 500s to startups, universities, and individuals. He protects inventions in the areas of mechanical, electrical, chemical, biological, and computer sciences. He also navigates technologies including materials, medical devices, pharmaceuticals, artificial intelligence, industrial processes, metallurgy, cellular and molecular-based compositions, cannabis extraction and purification technologies, and data management and encryption.

Ryan routinely counsels clients, including several familiar brand-name consumer product lines, with regard to infringement avoidance, active policing of patents, and strategies to effectively structure IP portfolios to foster growth and keep competitors at bay. He also helps clients prepare licensing agreements and counsels on product marking.

### Notable Work

**Consumer Product Patent Portfolio and Prosecution:** Provide worldwide patent prosecution and enforcement services for a child products company founded in 2001 by world-renowned, best-selling author and pediatrician Dr. Harvey Karp, including protection and analysis of bassinets and smart bassinet systems, mattresses, adult beds, power systems, infant development monitoring and tracking devices, breathing detection devices, data abstraction and anonymization of video, noise machines, convertible sleep systems, mobiles, and sleep garments.

**Cookware Product and Cooking Appliance Patent Portfolio and Prosecution:** Provide patent prosecution services and counseling for a leading distributor of several popular brands of cookware,

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### Areas of Experience

Intellectual Property  
 Intellectual Property Licensing  
 Intellectual Property Litigation  
 Intellectual Property Transactions and Due Diligence  
 Patent Litigation  
 Patent Prosecution and Portfolio Management  
 Trademarks

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### Education

M.S., University of Alabama, Molecular & Cellular Biology, 2009  
 J.D., University of Alabama School of Law, 2007, *magna cum laude*, *Alabama Law and Psychology Review*, Senior Editor  
 B.S., University of Kansas, Genetics, 2004

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### Admissions

#### Bars

Florida  
 Pennsylvania  
 U.S. Patent and Trademark Office

#### Courts

U.S. Court of Appeals for Veterans Claims

including preparing and prosecuting patent applications directed to grills, cookware, oven technologies, and smart cooking devices and systems.

**Professional Sports Patent Portfolio Development:** Represented professional sports league in development of a patent portfolio, including sport simulations, object recognition, object tracking, and event production and equipment.

**Consumer Product Patent Portfolio and Prosecution:** Representing a leading luggage company in the development and management of its patent portfolio around modular luggage organizer systems, electronic interfaces, smart luggage, and luggage wheel systems.

**Beauty and Personal Care Product Patent Portfolio Development:** Represented leading beauty and personal care product manufacture in development of a patent portfolio protecting their most important innovations, including bleach systems, haircare products, and skincare products.

**Medical Device Patent Portfolio Development:** Represented leading medical device client, including preparing and prosecuting patent applications relating to surgical staplers, tissue welders, ultrasonic handhelds, end effectors, endoscopes, as well other minimally invasive medical devices.

**Pharmaceutical Patent Portfolio Development:** Represented a pharmaceutical industry client in the development of a diverse patent portfolio, including patent strategy counseling and preparation and prosecution of multiple families of patent applications relating to transdermal, inhalation, and topical drug preparations.

**Smart Device Patent Portfolio Development:** Represented a startup client in the medical industry in the development of a multinational patent portfolio, including preparing and prosecuting patent applications relating to smart pill technologies, in situ and remote powering mechanisms, wireless signaling through biological mediums, and signal processing, among other related systems and devices.

**Information Technology Patent Portfolios:** Represented startups and established data management and communication industry clients in the development of patent portfolios, including patent strategy counseling and preparation and prosecution of patent applications related to data encryption, big data management, and banking and financial industry software products.

**Artificial Intelligence Patents:** Assisted numerous clients with protecting their AI innovations, including deep learning and convolutional neural networks applied to digital eye wear, corneal diagnosis, infant monitoring and medical condition prediction, medical diagnosis, customer matching, predictive event tracking, and business impact forecasting.

**Industrial Processing Patent Portfolio Development:** Represented an industrial processing client in the development of a multinational patent portfolio, including preparing and prosecuting patent applications relating to treatment and removal of heavy metals from industrial exhaust and byproduct gases.

**Biotechnology Patent Portfolio Development:** Represented institutional client in the development of a patent portfolio,

including preparing and prosecuting patent applications related to biosensors, bio research materials and techniques, cell chambers, and biofluidics/MEMS systems.

**Nano-Technologies Patent Portfolio Development:** Represented a chemical industry client in the development of a multinational patent portfolio, including preparing and prosecuting patent applications relating to nanoparticle lubricants and tribofilms.

**Metallurgy Patents:** Represented an aerospace and special metals industry client, including preparing and prosecuting patent applications relating to centrifugal and spray casting systems.

**Consumer Product Patent Portfolio Development:** Obtained patent protection for cabinet and shelving systems for a product development and distribution client.

**Firearm Accessories and Training Patents:** Assisted multiple clients in obtaining patent protection for firearm related inventions, including speed loaders, simulators and simulator applications, trigger pull training devices, and recoil training devices.

**Patent Infringement Counseling:** Represented a professional sports organization in evaluating allegations of patent infringement and the identification of invalidating prior art, which resulted in multiple instances of prompt withdrawal of allegations.

## Published Work and Lectures

- [Marks, Works & Secrets Blog, Contributor](#)
- *Legal Insight*, Co-author, "The U.S. Supreme Court Raises the Threshold for Patentable Subject Matter," March 29, 2012

## Honors and Distinctions

- *Daily Business Review*, 2014 and 2015 Litigation Department of the Year for Intellectual Property, Member