



Mark D. Moore, Ph.D.

Senior Patent Agent

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PRACTICES Intellectual Property, Patents, Patent Prosecution and Counseling, Pharmaceuticals, Precision Medicine and Digital Health, Chemical, Medical Device and Technology, Agriculture Technology

Dr. Mark Moore concentrates his practice in the area of intellectual property law, including the preparation and prosecution of U.S. and foreign patent applications in the biochemical, medical, pharmaceutical, and molecular genetic arts. For the past 25 years, Mark has assisted clients with patent procurement, and has been involved in various aspects of patent portfolio development, including implementation of effective patent prosecution strategies for technologies in the chemical, pharmaceutical and life sciences. He also has significant experience as a technical consultant in various aspects of intellectual property, and has assisted attorneys with due diligence, opinion, expert witness preparation, discovery, and litigation work.

Before joining Haynes and Boone, Mark spent six years with the Houston IP firm of Williams, Morgan & Amerson, and prior to that, was a patent agent in the Austin office of the former Arnold, White & Durkee for more than five years. Prior to beginning his intellectual property career, Mark was an academic researcher in the field of molecular genetics. His doctoral dissertation focused on molecular aspects of membrane biogenesis in photosynthetic bacteria, and characterization of the phylogenetic relatedness of more than two dozen species of photosynthetic prokaryotes.

Mark is a co-inventor of U.S. and foreign patents involving a variety of technologies, including methods for bioremediation of environmental heavy-metal contaminants; the generation of hydrogen fuel by photosynthetic bacteria; and molecular biological methods for treating human diseases including hypertension.

QUALIFICATIONS

EDUCATION

- B.S., Microbiology, Texas A&M University, 1984, *magna cum laude*
- M.S., Microbiology, University of Illinois at Urbana-Champaign, 1987
- Ph.D., Microbiology and Molecular Genetics, University of Illinois at Urbana-Champaign, 1994

ADMISSIONS

- U.S. Patent and Trademark Office

PROFESSIONAL AFFILIATIONS AND ENGAGEMENTS

- American Intellectual Property Law Association
 - Houston Intellectual Property Law Association
 - New York Academy of Sciences
 - Association of University Technology Managers
 - American Society for Microbiology
 - Genetics Society of America
 - Microscopy Society of America
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SELECTED CLIENT REPRESENTATIONS

Mark has represented a number of U.S. and foreign clients in the following areas:

- Therapeutics and diagnostics in the areas of diabetes, obesity and a variety of neurological, oncological, metabolic, and cardiac diseases
- Plant genetics and agricultural products including genetically-modified crops, microbial bioremediation, and environmental methods
- Pharmaceutical and nutraceutical compounds, protein and antibody production methods, microarray technologies, and gene therapy methods
- Medical devices, implants, optical, ultrasound, CT, electron microscopic and magnetic resonance imaging instrumentation and methods