

**JEREMY M. STIPKALA, Ph.D., J.D.**  
Patent Attorney

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## Legal Experience

### Stipkala LLC

- Patent Attorney and Managing Member, 2005—present.
- Built premier patent law practice.
- Engaged in patent prosecution, licensing, client counseling, and patent litigation.

### Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.

- Employed, 1997—2005; Patent Agent, 1999; Attorney, 2002.
- Prosecuted PCT and utility patent applications; over sixty U.S. patents issued.
- Advised overseas patent counsel to unify prosecution strategy.
- Wrote numerous opinions at the intersection of chemistry and patent law.
- Participated in three major litigations and two trials.

## Teaching Experience

- Adjunct Professor; designed and taught course on Patent Prosecution  
Denver University, Sturm College of Law, 2007.
- Graduate Student Teaching Assistant; tutored General Chemistry, Organic Chemistry  
The Johns Hopkins University, 1993—1995.

## Education

- J.D., *High Honors*, The George Washington University Law School, 2002.  
Order of the Coif.  
Class rank: 35th/440 (top 8%).
- Ph.D., Chemistry, The Johns Hopkins University, defended 1997.  
Thesis: *Dye-Sensitization of Nanocrystalline Semiconductor Electrodes*.
- M.A., Chemistry, The Johns Hopkins University, 1995.
- B.S., *cum Laude*, Chemistry, Juniata College and Leeds University, England, 1993.  
Class rank: 7th/216 (top 4%).

### **Bar Memberships**

- South Carolina Bar.
- District of Columbia Bar.
- United States Patent and Trademark Office.

### **Awards**

- Order of the Coif, The George Washington University Law School.
- American Bar Association/Bureau of National Affairs Award for Excellence in the Study of Intellectual Property Law, The George Washington University Law School.
- Who's Who: American Law Students, 22nd Edition.
- Accounts of Chemical Research Graduate Prize, The Johns Hopkins University.
- Brumbaugh Science Prize, Juniata College.
- Dow Chemical Corporation Scholarship, Juniata College.
- CRC Handbook Chemistry Prize, Juniata College.
- Baker Peace Scholarship, Juniata College.
- Eagle Scout.

### **Professional Affiliations**

- American Bar Association.
- American Chemical Society.
- American Intellectual Property Law Association.
- Carolina Patent, Trademark & Copyright Law Association.
- Order of the Coif.

### **Public Service**

- Oak Ridge National Laboratory, NanoNexus 2007  
Judge, NanoI2P® Competition, 2007.
- American Chemical Society's Committee on Patents and Related Matters  
Appointed Associate, 2007.
- Coosaw Creek Property Owners' Association  
Committee on Government Affairs, 2005—present.

### **Selected Talks**

*New Rules Change Patent Application Process*, Lecture at the 59th Southeastern Regional Meeting of the American Chemical Society (Oct. 25, 2007). Symposium Chair.

*What to Do if You Are Accused of Patent Infringement*, Lecture at the 58th Southeastern Regional Meeting of the American Chemical Society (Nov. 2, 2006).

*Solar Energy Conversion to Useable Forms of Energy*, Lecture at the 58th Southeastern Regional Meeting of the American Chemical Society (Nov. 1, 2006).

*Patenting Nano-Sized Versions of Known Materials*, Lecture at the 231st National Meeting of the American Chemical Society (Mar. 26, 2006).

### **Selected Legal Publications**

Jeremy M. Stipkala, *Overcoming Obviousness When Patenting Nanotechnology Inventions*, 23 NATURE BIOTECHNOLOGY 677 (2005).

Eric W. Adcock, Jeremy M. Stipkala & Allen R. Jensen, *Congressional Clues to the Festo Dispute: Where Does § 112 Stand?*, 9 INTELL. PROP. TODAY 47 (2002).

### **Selected Scientific Publications**

John A. Moss, John C. Yang, Jeremy M. Stipkala, Xingu Wen, Carlo A. Bignozzi, Gerald J. Meyer & Thomas J. Meyer, *Sensitization and Stabilization of TiO<sub>2</sub> Photoanodes with Electropolymerized Overlay Films of Ruthenium and Zinc Polypyridyl Complexes: A Stable Aqueous Photoelectrochemical Cell*, 43 INORGANIC CHEMISTRY 1784 (2004).

Craig A. Kelly, David W. Thompson, Fereshteh Farzad, Jeremy M. Stipkala & Gerald J. Meyer, *Cation-Controlled Interfacial Charge Injection in Sensitized Nanocrystalline TiO<sub>2</sub>*, 15 LANGMUIR 7047 (1999).

John A. Moss, Jeremy M. Stipkala, John C. Yang, Carlo A. Bignozzi, Gerald J. Meyer, Thomas J. Meyer, Xingu Wen & Richard W. Linton, *Sensitization of Nanocrystalline TiO<sub>2</sub> by Electropolymerized Thin Films*, 10 CHEMISTRY MATERIALS 1748 (1998).

Jeremy M. Stipkala, Felix N. Castellano, Todd A. Heimer, Craig A. Kelly, Kenneth J. T. Livi & Gerald J. Meyer, *Light-Induced Charge Separation at Sensitized Sol-Gel Processed Semiconductors*, 9 CHEMISTRY MATERIALS 2341 (1997).

Todd A. Heimer, Samuel T. D'Arcangelis, Fereshteh Farzad, Jeremy M. Stipkala & Gerald J. Meyer, *An Acetylacetonate-Based Semiconductor-Sensitizer Linkage*, 35 INORGANIC CHEMISTRY 5319 (1996).

Fei Cao, Gerko Oskam, Peter C. Searson, Jeremy M. Stipkala, Todd A. Heimer, Fereshteh Farzad & Gerald J. Meyer, *Electrical and Optical Properties of Porous Nanocrystalline TiO<sub>2</sub> Films*, 99 J. PHYSICAL CHEMISTRY 11974 (1995).

Felix N. Castellano, Jeremy M. Stipkala, Lee A. Friedman & Gerald J. Meyer, *Spectroscopic and Excited-State Properties of Titanium Dioxide Gels*, 6 CHEMISTRY MATERIALS 2123 (1994).