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Juan Zheng, Ph.D.

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Professional Overview

Juan Zheng is a member of the firm's life sciences and litigation practice groups, where she focuses her practice on patent prosecution in the areas of chemistry, pharmaceuticals, biomedical technology, catalysis, and spectroscopy, and provides litigation support in these areas. She also provides support to the firm's Hatch-Waxman ANDA litigation practice. Juan is a specialist in polymer, organic, inorganic, and biological chemistry. She also has experience in materials chemistry, such as paper and pulp production and related materials.

Juan works with clients in all phases of development, from startups to large corporations, conducting freedom to operate and patentability searches, providing patent-related opinions, and assisting with patent portfolio evaluation and management; she has also represented clients at oral hearings at the Patent Trial and Appeal Board. Juan provides technical support in litigation in the areas of materials, organic, and polymer chemistry; and has worked on detailed invalidity opinions and re-examination proceedings.

Prior to becoming an attorney, Juan served as a graduate research assistant at Massachusetts Institute of Technology, where she co-authored a book chapter on conjugated polymers in chemosensing and biosensing. After MIT, she worked at a Boston-area intellectual property law firm for seven years, first as a technology specialist, then a patent agent, and then after receiving her J.D., as an associate.

Juan received her J.D. from Suffolk University Law School in 2010. She received her Ph.D. in organic chemistry from the Massachusetts Institute of Technology in 2005, and her B.S. in bioorganic chemistry from the University of Toronto in 2000. Juan is fluent in Mandarin Chinese. Juan was recognized by Best Lawyers in their 2020 list of "Ones to Watch," for outstanding professional excellence in private practice in the United States.

Education



- J.D., Suffolk University Law School, 2010
- Ph.D., Organic Chemistry, Massachusetts Institute of Technology, 2005
- B.Sc. Hon., Bioorganic Chemistry, University of Toronto, 2000

Professional Experience

- Christensen O'Connor Johnson Kindness^{PLLC}
Seattle, WA, 2013 – present
- Fish & Richardson P.C.
Boston, MA, 2005 – 2013
- Massachusetts Institute of Technology
Cambridge, MA, 2000 – 2005

Bar & Court Admissions

- Massachusetts Board of Bar Overseers
- United States Patent and Trademark Office
- Washington State Bar

Professional Affiliations

- American Bar Association
- American Chemical Society
- American Intellectual Property Law Association
- King County Bar Association
- Washington State Patent Law Association

Presentations & Publications

Scientific Publications

- "Probing Biological Recognition Using Conjugated Polymers at the Air-Water Interface," *Macromolecules*, Vol. 39, 2006, pp. 6781-6783, Zheng, J., and Swager, T.M.



- “Poly(arylene ethynylene)s in Chemosensing and Biosensing,” *Advances in Polymer Science*, Vol. 177, 2005, pp. 151-179, (Book chapter), Zheng, J., and Swager, T.M.
- “Biotinylated poly(p-phenylene ethynylene): Using Energy Transfer for the Detection of Biological Analytes,” *Chemical Communications*, Issue 24, 2004, pp. 2798-2799, Zheng, J., and Swager, T.M.
- “Visual Detection of Bacteria With Carbohydrate-Containing Fluorescent Polymers,” *Journal of the American Chemical Society*, Vol. 126, Issue 41, 2004, pp. 13343-13346, Disney, M.D., Zheng, J., Swager, T.M., and Seeberger, P.H.
- “F8BINOL, An Electronically Perturbed Version of BINOL With Remarkable Configurational Stability,” *Organic Letters*, Vol. 2, Issue 1, 2000, pp. 41-44, Yudin, A.K., Martyn L. J.P., Pandiaraju, S., Zheng, J., and Lough, A.J.
- “Ferrocenylsiloxane Chemistry: Synthesis and Characterization of Hexaferrocenylcyclotrisiloxane and Tetraferrocenyldisiloxanediol,” *Organometallics*, Vol. 18, Issue 7, 1999, pp. 1337-1345, MacLachlan, M.J., Zheng, J., Lough, A.J., Manners, I., Mordas, C., LeSuer, R., Geiger, W.E., Liable-Sands, L.M., and Rheingold, A.L.