



## Kristin J. Breen, Ph.D.

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### PATENT AGENT

Dr. Kristin Breen is a Patent Agent with Leason Ellis and a member of the Patent Practice Group at the firm. She has over six years of experience in drafting and prosecuting U.S. and international patent applications across a variety of technologies, including chemical engineering, chemistry, petroleum refining, wastewater treatment, and drilling.

After spending the early part of her career as a Research Assistant at Yale, she recognized that her passion was outside of the lab. Prior to joining Leason Ellis, she worked at a boutique IP law firm in NYC as a Patent Agent where she gained extensive experience in all stages of patent prosecution from analyzing initial disclosures from inventors, all the way to obtaining the broadest claims possible. Kristin earned a Ph.D. in Chemical Physics from Yale University where she carried out investigations of solvent/solute interactions using photoelectron and Ar-mediated ion chemistries. She graduated *cum laude* from Fordham University with a B.S. in Chemistry. Kristin has published in various scientific journals, including being first author on a feature article in the Journal of Physical Chemistry A.

### Selected Articles

- "Bottom-up View of Water Network-Mediated CO<sub>2</sub> Reduction Using Cryogenic Cluster Ion Spectroscopy and Direct Dynamics Simulations," The Journal of Physical Chemistry A, January 26, 2012
- "Survey of Ar-Tagged Predissociation and Vibrationally Mediated Photodetachment Spectroscopies of the Vinylidene Anion, C<sub>2</sub>H<sub>2</sub><sup>-</sup>," The Journal of Physical Chemistry A, January 28, 2010



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### Education

- Yale University, Ph.D., Chemical Physics, 2012
- Yale University, M.S., Chemical Physics, 2008
- Fordham University, B.S., Chemistry, *cum laude*, 2007

### Bar Admissions

- Registered Patent Agent: U.S. Patent and Trademark Office

### Experience

- Abelman, Frayne & Schwab, Patent Agent, 2015-2021