

# BKDOWD LAW, P.C.

## Betsy Kingsbury Dowd, Esq.



Founder

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Betsy Kingsbury Dowd founded BKDowd Law in 2015, to continue to offer her high quality legal services in intellectual property law to a diverse client base. Her legal career, spanning over 20 years, includes both large Manhattan general practice firm and intellectual property boutique experience, servicing clients ranging from start-ups to international companies. Her practice focuses primarily on patent portfolio counseling, due diligence, trademark registration, and licensing matters, and includes U.S. and foreign patent procurement, strategic post-issuance review and examination, invalidity and infringement opinions. Her patent expertise encompasses electrical, mechanical, software, optical and computer technologies and complex instrumentation including electro-optical sensors, related algorithms, and displays, X-ray, MRI, medical and seismic imaging systems, spectrometers, signal processing, nanotechnology, telecommunications, financial business methods, chemical compositions, healthcare products, athletic and other commercial products, designs, and more.

### PROFESSIONAL BACKGROUND

Ms. Dowd obtained a physics degree from Dartmouth College and a Master of Science degree in Optical Sciences from the Institute of Optics, University of Rochester. Subsequently, Ms. Dowd worked as an optical engineer at Perkin-Elmer in the large optics facility, as part of the

### RELATED PRACTICES

- Patent Prosecution
- Trademarks
- Intellectual Property
- Due Diligence
- Licensing
- Transactional Agreements

### EDUCATION

Dartmouth College, A.B., 1982, *with distinction in physics*

University of Rochester, M.S. in Optical Sciences, 1985

Jacob D. Fuchsberg Law Center of Touro College, J.D., 2003, *summa cum laude*

### ADMISSIONS

New York Bar, 2d Dep't, 2003

U.S. Patent and Trademark Office, Reg. No. 52830, 2003

U.S. Eastern District of New York, 2014

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Hubble Space Telescope and Fine Guidance system team of engineers and scientists. For the next 15 years, Ms. Dowd's career was focused primarily on laser-based military defense systems and optical communications, and most recently on high-energy physics and X-ray imaging as a science associate at the X-Ray ring of the National Synchrotron Light Source at Brookhaven National Laboratory (BNL) in Long Island. Ms. Dowd's development of an X-Ray Computed Microtomography (XCMT) instrument at BNL, funded largely by Mobil Corporation, garnered worldwide attention when 3-D volume renderings of collected pore structure data generated at the XCMT x-ray beamline was published in Synchrotron News. Ms. Dowd developed the real-time volume rendering capability from existing technology, designed and built the data-collection instrument, and assisted scientists in evaluating the data to study porous structures such as core samples from oil field topologies. The data was used to develop flow simulations for facilitating the extraction of oil from previously mined oil fields. Ms. Dowd has contributed to research and published in the areas of high energy laser tracking, laser diode communications, and X-ray computed microtomography, and served as a Reviewer of scientific proposals in tomography for the Australian Research Office between 1996 and 2000. Ms. Dowd transitioned to patent law as an intern in patent prosecution at the intellectual property boutique firm of Kenyon & Kenyon in Manhattan and later worked as an associate in the Corporate, Intellectual Property (IP) division of Goodwin Procter LLP, also in Manhattan. She has also co-founded a small IP law firm on Long Island and served Of Counsel for the Long Island IP boutique firm of Hoffmann & Baron LLP.

## **PROFESSIONAL ACTIVITIES**

Ms. Dowd is a member of the Dartmouth Lawyers Association, the Dartmouth Entrepreneurial Network, the New York Intellectual Property Law Association (NYIPLA), the Institute of Electrical and Electronics Engineers (IEEE), the Suffolk County Bar Association, and the Holbrook Chamber of Commerce.

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