



MARY K. MURRAY, PH.D.

Principal
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Practice Areas

- Patents
- Counseling
- Agreements
- Licensing
- Trademarks
- Trade Secrets
- IP Litigation
- Copyrights
- Post-Grant Proceedings
- Design Patents

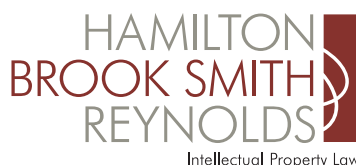
Technologies

- Biotechnology and Life Sciences
- Medical Devices
- Pharmaceuticals
- Bioinformatics
- Biologics and Immunotherapies
- Chemistry
- Medical Imaging
- Mechanical Engineering
- Material Sciences

Since joining the firm in 1997, Mary has written and prosecuted patent applications in molecular biology, chemistry, polymer science, pharmaceuticals, medical devices and material sciences; drafted freedom-to-operate, invalidity, patentability and inventorship opinions, license agreements, intellectual property agreements, confidentiality agreements; and participated in intellectual property litigation, trademark prosecution and trade secret protection of intellectual property.

During her practice, Mary has assisted clients with matters pertaining to recombinant vaccines for combating disease, including the prevention of disease consequent to exposure to seasonal flu and hospital-acquired bacterial infection; medical devices for use in life threatening and vascular disease; and screening assays for identifying drugs to treat disease and cancer.

Mary is dedicated to enriching the community and providing educational opportunities to clients, as well as nonprofits, universities, and corporations. She is an active speaker, moderator, and author on issues relating to intellectual property law practice and its impact on business assets. Mary has been and continues to be an active speaker and educator on patent law under the America Invents Act (AIA) of 2011. Since graduating from law school, Mary has spearheaded seven intellectual property conferences at Suffolk University Law School. As a result of her efforts, Suffolk has been host, over the last years, to many prominent speakers, including nationally-known commentators on patent law, officials from the United States Patent and Trademark Office, a former Chief Judge and recently appointed Judge of the Court of Appeals for the Federal Circuit. In addition, Mary participated in developing Suffolk University Law School's Intellectual Property Law Certification Program and taught the patent module of the certification program. In 2013, Mary received the Outstanding Alumni Service Award from her alma mater Suffolk University Law School, an award that is given each year to an alumnus who has made a significant contribution to the betterment of the school during the past year or over the past several years. Mary is the Chairperson of the Suffolk University Law School Intellectual Property Advisory Board, which is dedicated to advancing the legal and



Education

- University of Illinois, B.S. in Physiology and Biophysics, with high distinction
- University of Illinois Health Science Center, Ph.D. in Cell and Developmental Biology
- Suffolk University Law School, J.D., summa cum laude

Professional Associations

- MassMEDIC, Board of Directors and Officer
- American Association for the Advancement of Science
- American, Boston, and Massachusetts Bar Associations
- Boston Patent Law Association
- American Intellectual Property Law Association
- Federal Circuit Bar Association

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professional training of law students and the intellectual property community. She is also featured on the website for Suffolk University Law School.

In March 2017, Mary traveled to New Zealand and met with senior officers of the Intellectual Property Office of New Zealand (IPONZ) to discuss updates in New Zealand Patent Law and eligibility under U.S. and New Zealand patent law. While in New Zealand, Mary presented seminars to several New Zealand-based law firms, as well as organizations and start-up companies supported by the Ministry of Business, Innovation & Employment of New Zealand. The seminars covered recent case law and U.S. Patent Office guidelines for determining patent eligibility, and general strategies for protecting the innovations of start-up companies in view of current U.S. intellectual property law.

Before entering law school, Mary was a professor at Tufts University Health Sciences School in the Cell, Developmental and Molecular Biology Program and, from 1994-1995, a Visiting Scientist at the Jackson Laboratory in Bar Harbor, Maine. While at Tufts University, she established a federally funded research program; co-directed a National Institutes of Health sponsored Center; and taught medical, veterinary and graduate school courses. Mary's research areas included molecular biology, biochemistry, chemistry, physiology, protein biochemistry, cell biology, physiology, and developmental biology. Her research program was supported by grants from the National Institutes of Health.

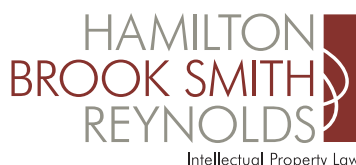
Mary has served on the United States Department of Agriculture, National Institutes of Health, and National Science Foundation grant review panels. She was elected to the Board of Directors of MassMEDIC, where she served for six years, and was an officer for MassMEDIC for three years. Mary has been a member of the editorial board of several national and international scientific committees. She has authored or co-authored over 50 research publications and given research presentations at national and international scientific conferences, as well as lectures on intellectual property law at universities.

Articles

- IP Law360 Selects Mary Murray to Join Expert Panel, IP Law360, June 16, 2015

IP News Alerts

- US Supreme Court Holds "Disparagement Clause" of Trademark Law Unconstitutional, *Hamilton Brook Smith Reynolds Alert*, June 19, 2017
- US Supreme Court Limits Patent Infringement in Foreign Cases in Life Technologies Corp. v. Promega Corp, *Hamilton Brook Smith Reynolds Alert*, February 27, 2017



Admissions

- U.S. Court of Appeals for the Federal Circuit
- U.S. Court of Appeals for the First Circuit
- U.S. District Court, District of Massachusetts
- U.S. Patent and Trademark Office
- U.S. Supreme Court
- Massachusetts

Industry

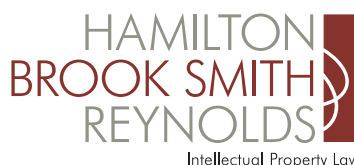
Acknowledgements

- LMG Life Sciences 2017 Recognizes Mary Murray for Prosecution, and Patent Strategy and Management
- LMG Life Sciences 2015 Recognizes Mary Murray's Valuable Experience
- IP Law360 Selects Mary Murray to Join Expert Panel
- LMG Life Sciences 2013 Calls Mary Murray Versatile
- Outstanding Alumni Service Award from Suffolk University Law School, September 2013
- LMG Life Sciences 2012 Highly Recommends Mary Murray

MARY K. MURRAY, PH.D.

IP News Alerts (continued)

- Patent Office Publishes Relaxed Interim Guidelines for Determining Patent Eligible Subject Matter, *Hamilton Brook Smith Reynolds Alert*, December 16, 2014
- U.S. Patent and Trademark Office Issues Preliminary Examination Instructions in View of Supreme Court's Decision in *Alice Corp. v. CLS Bank*, *Hamilton Brook Smith Reynolds Alert*, June 30, 2014
- Supreme Court Shuts Off Streaming of Live TV Provided by Aereo, *Hamilton Brook Smith Reynolds Alert*, June 26, 2014
- U.S. Patent Office Proposes Changes in Patent Term Adjustment, *Hamilton Brook Smith Reynolds Alert*, June 23, 2014
- Breaking News - U.S. Supreme Court Requires Direct Infringement for Liability of Induced Infringement, *Hamilton Brook Smith Reynolds Alert*, June 2, 2014
- Cloned Sheep "Dolly" Is Not Patentable, But..., *Hamilton Brook Smith Reynolds Alert*, May 14, 2014
- The European Patent Office Extends the Time for Filing Divisional Applications, *Hamilton Brook Smith Reynolds Alert*, October 21, 2013
- Eligibility of Computer and Software-Related Patents is Again Before the Supreme Court, *Hamilton Brook Smith Reynolds Alert*, September 23, 2013
- Two Months and Counting: Patent Applications Filed Before March 16, 2013 Avoid Certain Provisions of the America Invents Act (AIA) and Reap Benefits of the Current Patent Law, *Hamilton Brook Smith Reynolds Alert*, January 16, 2013
- Applicants Need Not Fear New Preissuance Submission Law, *Hamilton Brook Smith Reynolds Alert*, December 7, 2012
- America Invents Act (AIA) - Effective Provisions One Year Later, *Hamilton Brook Smith Reynolds Alert*, September 17, 2012
- The America Invents Act (AIA) Update, *Hamilton Brook Smith Reynolds Alert*, September 10, 2012
- America Invents Act - Prioritized Examination at the U.S. Patent and Trademark Office Effective September 26, 2011, *Hamilton Brook Smith Reynolds Alert*, September 2011
- Isolated Nucleic Acids Are Patentable - Is The Debate Over?, *Hamilton Brook Smith Reynolds Alert*, August 2011
- U.S. Patent and Trademark Office Spending Cuts Postpone "Track One" Prioritized Examination, *Hamilton Brook Smith Reynolds Alert*, April 22, 2011
- Prioritized Twelve-Month Examination Begins at the U.S. Patent and Trademark Office on May 4, 2011, *Hamilton Brook Smith Reynolds Alert*, April 14, 2011
- U.S. Patent Office Initiates a First Office Action Interview Program, *Hamilton Brook Smith Reynolds Alert*, April 2008



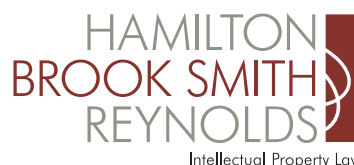
MARY K. MURRAY, PH.D.

IP News Alerts (continued)

- Court Ruling Delivers Blow to USPTO - Finds New Patent Rules Invalid, *Hamilton Brook Smith Reynolds Alert*, April 2008
- New Patent Rules and Continuation-in-Part Applications, *Hamilton Brook Smith Reynolds Alert*, October 2007
- The New Patent Rules In Action, *Hamilton Brook Smith Reynolds Alert*, September 2007
U.S. Supreme Court Fuels Uncertainty In Patent Law, *Hamilton Brook Smith Reynolds Alert*, May 2007

Speaking Engagements

- “Effective Tools & Techniques to Minimize Section 101 Rejection in a Patent Prosecution Minefield,” The Knowledge Group Webcast, October 4, 2017
- “Innovation in Life Sciences: Demystifying Patent Eligibility,” Hamilton Brook Smith Reynolds Lecture, Cambridge, MA, June 14, 2017
- “Patent Eligibility Case Law and U.S. Patent Office Guidelines,” presented to Law Firms and Government-Supported Organizations in New Zealand, March 2017
- “Strategies for Protecting Innovations of Start-Ups and Case Studies in View of U.S. Intellectual Property Law,” presented to Technology-Based Start-Up Companies in New Zealand, March 2017
- “Practicing Patent Law,” Boston Patent Law Association, October 19, 2016
Brown University’s 2016 Young Scholars Conference, Providence, RI, September 16, 2016
- “Intellectual Property Strategies for Start-ups,” Hamilton Brook Smith Reynolds Lecture, Boston, MA, September 25, 2014
- “Derivation and Common Ownership Under the America Invents Act,” Hamilton Brook Smith Reynolds Webcast, June 6, 2013
- “How to Protect Your Patent Rights in View of Public Disclosure under the America Invents Act (AIA),” Hamilton Brook Smith Reynolds Webcast, May 9, 2013
- “What You Need to Know About Patent Law Practice After the AIA,” Suffolk University Law School, Boston, MA, March 22, 2013
- “Innovation and Patent Eligibility - Theories and Application to Current Cases,” Hamilton Brook Smith Reynolds Lecture, Boston, MA, January 28, 2013
- “Battleship IP - Patent Pools, Neutralizing Prior Art and Unauthorized Copying,” ACC America - Northeast Chapter Lecture (Moderator), Waltham, MA, July 11, 2012
- “Why and How to Build a Patent Estate/Recent Changes in Patent Law,” Connecticut Law Tribune In-House CLE Lecture, Stamford, CT, May 16, 2012
- “Critical Changes in Patent Law and Practice,” Suffolk University Law School Center for Advanced Legal Studies Program, Boston, MA, February 24, 2012



MARY K. MURRAY, PH.D.

Speaking Engagements (continued)

- “Catalyzing Innovation - Industry/Academic Collaborations,” MassMEDIC Seminar, Mass. Medical Society, 860 Winter Street, Waltham, MA, January 27, 2012
- “Continuing Legal Education and Alumni Relations,” American Association of Law Schools Annual Meeting 2012, Washington, DC, January 5, 2012
- “Leahy-Smith America Invents Act,” Hamilton, Brook, Smith & Reynolds Breakfast Seminar Series, Waltham, MA, October 12, 2011
- “Intellectual Property Law Certification Program – Patent Module,” Suffolk University Law School Center for Advanced Legal Studies, Boston, MA, October 6, 2011
- “Social Media During Regulatory Uncertainty,” MassMEDIC Seminar, Mass. Medical Society, Waltham, MA, May 13, 2011
- “Intellectual Property Law Certification Program – Patent Module,” Suffolk University Law School Center for Advanced Legal Studies, Boston, MA, November 18, 2010
- “The Impact of Patent Law on the Economy-Stimulus or Impediment?” Suffolk University Law School Center for Advanced Legal Studies Program, Boston, MA, March 27, 2009
- “Re-examination Proceedings,” Citi Investment Research Global Health Care Conference, New York, NY, May 22, 2008
- “Dealing With the Changing Landscape of Patent Law- Tips, Tactics and Strategies,” Suffolk University Law School Center for Advanced Legal Studies Program, Boston, MA, March 28, 2008
- “Patent Infringement Action,” Citi Investment Research Global Health Care Conference, New York, NY, May 24, 2007
- “Current and Future Trends in Patent Law,” Suffolk University Law School Center for Advanced Legal Studies Program, Boston, MA, April 20, 2007
- “Tactics for Mastering Markman Issues,” Suffolk University Law School Center for Advanced Legal Studies Program, Boston, MA, October 20, 2006
- “Patent Infringement Action,” Citi Investment Research Global Health Care Conference, Washington, D.C., May 2006
- “Resolving Uncertainty in Biotechnology Patent Law – Safe Harbor/Experimental Use, Inherency, Obviousness and Utility,” Suffolk University Law School Center for Advanced Legal Studies Program, Boston, MA, November 18, 2005

