



Mary Lou Wakimura

CHAIR OF THE BOARD OF
DIRECTORS AND PRINCIPAL

HAMILTON
BROOK SMITH
REYNOLDS

Intellectual Property Law

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PRACTICE AREAS

- Patents
- Design Patents
- Copyrights
- Open Source Software Counseling
- Licensing
- Counseling
- Trade Secrets
- IP Intelligence and Audits

TECHNOLOGIES

- Computer Software
- Computer Hardware
- Electrical Engineering
- Mobile
- Network Infrastructure
- Mechanical Engineering
- Chemical Engineering
- Artificial Intelligence
- Bioinformatics
- Blockchain
- Telecommunications
- Medical Devices
- Internet of Things
- Clean Technology

For over 30 years, Mary Lou has assisted clients with patent preparation and prosecution, copyright registration, and portfolio management. Her approach with clients is to learn their business goals and then strengthen their positions in their industry by developing strong intellectual property strategies.

She has particular experience with computer-related technologies and systems relating to imaging, video applications, mobile applications, machine learning, various platforms (cloud based, SaaS) virtual currency, solid modeling, simulations and mathematical models. Mary Lou's expertise spans to medical systems, bio/chemical analyses and processing including bioinformatics and medical diagnostics, alternative energy. Additionally her patenting expertise includes social networks and associated operations, and electro-mechanical matters, with and without a software component.

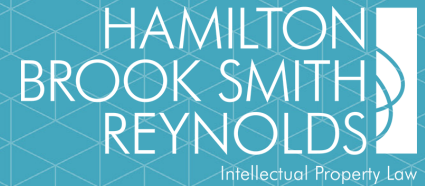
Mary Lou's practice also includes preparing infringement opinions and conducting due diligence directed to computer and software technologies. She advises on open source software licenses and other software licensing agreements. For example, she reviews or prepares IP License Agreements with ongoing software development, End User License Agreements (EULAs), Field Service Agreements for software installed on specific equipment, and Software Developer/Consultant Agreements.

Mary Lou is a software engineer with experience in numerous programming languages, data analyses, and software/application design. She is familiar with various data structures, compression/ decompression techniques, encryption technology, blockchain, digital signal processing, artificial intelligence/neural networks, machine learning, pattern matching, bioinformatics, video gaming, and computer network/Internet technology.

Mary Lou's work in patenting technology spans many technology innovations and leading companies in their fields. For Lotus Development Corporation, Mary Lou developed one of the early spreadsheet patents in that industry. Working with Digital Equipment Corporation, she procured one of the earlier patents on fonts for printer applications that became critical in their business. Mary Lou has worked on patents for technologies such as an artificial pancreas for diabetics and educational systems for autistic children. She also obtained patents for some of the first speech-to-

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EDUCATION

- University of Colorado, B.S. in Applied Math and Computer Engineering
- University of New Hampshire Franklin Pierce School of Law, J.D.

PROFESSIONAL ASSOCIATIONS

- American Bar Association
- Asian American Lawyers Association of Massachusetts
- Boston Patent Law Association - Chair of the *Ad Hoc* Diversity & Inclusion Committee
- Association of University Technology Managers
- Licensing Executives Society
- Massachusetts Bar Association
- Tau Beta Pi, the National Engineering Honor Society

text translation technologies. Mary Lou's patent prosecution work includes prosecuting a U.S. patent on Fast Face Detection by Viola-Jones, which is an authority in the digital image processing field, and prosecuting early U.S. patents for the Alta Vista search engine, which was the precursor of the Google search engine.

Outside of the firm, Mary Lou has contributed to the Boston Patent Law Association (BPLA), Licensing Executive Society (LES), the Asian American Law Association of Massachusetts (AALAM) and various start-up accelerator programs. She has been an active supporter of the MIT eForum by mentoring start-ups and giving patent presentations to numerous audiences at MIT. Mary Lou is a volunteer presenter and member-supporter of the Tau Beta Pi Engineering Honor Society. Mary Lou presented at the Association of University Technology Manager (AUTM) conferences in 2016 and 2017. She is a frequent speaker on the topic of the benefits of patents in an Open Source environment. Mary Lou enjoys the opportunity to speak at local events that show the roles women can play in business careers. She has spoken to many Girl Scout Groups, school groups, and women's groups. Since 2018, Mary Lou received the distinction of Best Lawyers in America® for her patent law expertise. In 2021, she was also ranked by Super Lawyers®, a rating of outstanding lawyers who have attained a high-degree of peer recognition and professional achievement.

ARTICLES

- Open Source Software Solutions (Part 3): Educating your Employees about Open Source Software Issues, Hamilton Brook Smith Reynolds, December 2, 2016
- Open Source Software Solutions (Part 2): Understanding Open Source Software License Trigger Points and Resulting Obligations, Hamilton Brook Smith Reynolds, October 28, 2016
- Open Source Software Solutions (Part 1): Getting to Know the Open Source Software in Your Products, Hamilton Brook Smith Reynolds, October 4, 2016

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BAR ADMISSIONS

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

CERTIFICATIONS

- Black Duck Certified Open Source Legal Professional

IP NEWS ALERTS

- Supreme Court Limits Copyright Protection for Software, April 8, 2021
- The Transition is Over: Evaluating Your Trademark and Design Portfolios in the EU and UK Now That BREXIT is Official, January 11, 2021
- Court Rules That Design Patent Scope Can Be Limited By Prosecution History, Hamilton Brook Smith Reynolds Alert, January 17, 2014
- U.S. Supreme Court Copyright Non-Infringement Ruling Results in Global Expansion of the First-Sale Defense, Hamilton Brook Smith Reynolds Alert, April 3, 2013

SPEAKING ENGAGEMENTS

- “Managing Open Source to Maximize Opportunity and Minimize Risk,” UNH Franklin Pierce School of Law Reunion Weekend, October 1, 2021
- “AI and Precision Medicine: IP and Licensing Opportunities,” AUTM Webinar, October 29, 2020
- “The Future of Blockchain Technologies,” Roundtable Discussion at the LES Annual Meeting, Phoenix, AZ, October 22, 2019
- “Hot Topics in IP and Technology: Open Source Software,” UNH Wildcatalyst Seminar Series, Durham, NH, September 26, 2019
- “Intellectual Property Considerations for Protecting Your Company’s Innovations,” MIT Enterprise Forum, Cambridge Innovation Center, March 6, 2019
- “AI and Precision Medicine: Growing IP Licenses and Assets,” AUTM Annual Meeting, Austin, TX, February 11, 2019
- “Strategies to Reap the Benefits of Software Patents in an Open Source Software Environment” Hamilton Brook Smith Reynolds Webcast, March 29, 2018
- “Strategies to Reap the Benefits of Software Patents in an Open Source Software Environment” 2017 Black Duck FLIGHT Conference, Boston, MA, November 8, 2017
- “Innovating Outside the Patent: Copyrights, Trademarks and Software” Association of University Technology Managers’ (AUTM) Eastern Region Meeting, Boston, MA, October 3, 2017

SPEAKING ENGAGEMENTS (CONTINUED)

- “Smart Cyber Security, Patent and Trade Secret Protection for Startups,” MIT Enterprise Forum of Cambridge/Hamilton Brook Smith Reynolds Lecture, Cambridge, MA, November 17, 2016
- “Strategies for Commercial Software Developers Using Open Source Code in Proprietary Software,” Hamilton Brook Smith Reynolds Webcast, October 4, 2016
- “Which U.S. Patent Applications Are Getting Granted,” Association of University Technology Managers’ (AUTM) Eastern Region Meeting, Philadelphia, PA, September 29, 2016
- “Block Chain Innovations are Changing the Digital World,” Hamilton Brook Smith Reynolds Webcast, March 30, 2016
- “Engineering & Intellectual Property Law,” Tau Beta Pi 2015 Convention, Providence, RI, October 29, 2015
- “What Not to Patent: Steps for Strategic IP,” MIT Enterprise Forum of Cambridge Webinar, October 22, 2015
- “10 Intellectual Property Considerations for Protecting Your Company’s Innovations,” MIT Enterprise Forum of Cambridge/ Hamilton Brook Smith Reynolds Lecture, Cambridge, MA, October 14, 2015
- “Strategies for Managing Open Source Software,” Hamilton Brook Smith Reynolds Lecture, Cambridge, MA, May 20, 2015
- “Intellectual Property Strategies for Start-ups,” Hamilton Brook Smith Reynolds Lecture, Boston, MA, September 25, 2014
- “The Revival of the Design Patent - A Look at Design Patents and the Implications of Apple v. Samsung,” Hamilton Brook Smith Reynolds Lecture, Waltham, MA, April 24, 2013
- “A Better Plan for Software Technology Rights”, WPI Lecture, Worcester, MA, January 31, 2013
- “Monetizing Your Business Assets Through Patents, Trademarks and Copyrights”, Hamilton Brook Smith Reynolds Webcast, November 15, 2012
- “Software: To Patent or Not To? Algorithms and Automation as Patentable Subject Matter”, Hamilton Brook Smith Reynolds Lecture, Waltham, MA, November 8, 2012
- “Monetizing Your Business Assets Through Patents, Trademarks and Copyrights”, SBANE Lecture, Waltham, MA, October 3, 2012