

Sunwoo Lee, Ph.D.

INTERNATIONAL INTELLECTUAL PROPERTY LEAD

Washington, D.C. | 202.626.8377

lee@polsinelli.com



Dr. Sunwoo Lee, drawing on decades of experience in legal practice, corporate R&D and academia, provides strategic insights and practical guidance on intellectual property and technology-related matters to clients operating throughout the United States and the Asia-Pacific region.

Dr. Lee leads Polsinelli's International Intellectual Property efforts, combining his technical background and lead counsel experience to protect and enforce clients' IP rights worldwide. He represents domestic and foreign companies—from emerging ventures to Fortune 100 enterprises—in patent, trademark, copyright and trade secret disputes in U.S. federal courts and in coordination with Polsinelli's ITC Section 337 litigation team. He develops and executes global IP strategies, conducts freedom-to-operate analyses and manages international patent and trademark portfolios across technologies including AI-driven innovations and advancements in the semiconductor, display, automotive and biopharmaceutical sectors.

As Polsinelli's Foreign Desk Leader for Asia-Pacific, Dr. Lee serves as a relationship attorney for Asia-based financial institutions and multinational companies, facilitating introductions and coordinating client needs across the firm. He works closely with international counsel to promote cross-border collaboration, support U.S. market entry and anticipate considerations that affect technology development, commercialization and international business operations. He is also involved in M&A and other strategic transactions, advising on intellectual property due diligence and post-transaction integration.

Dr. Lee collaborates with in-house teams and international counsel to support global IP protection, enforcement and strategic planning. Leveraging his technical background and experience in high-technology and AI-driven sectors, Dr. Lee helps clients understand complex scientific and engineering concepts and translate them into clear, practical IP strategies. His global perspective enables him to connect clients with the appropriate legal resources and align their IP objectives with broader business goals in U.S. and international markets.

Education

Capabilities

- International Intellectual Property
- International Patent Filings & Strategy
- International Trade Commission Section 337 Litigation
- Biotechnology & Life Sciences Patent Prosecution
- Electrical Engineering & Computer Science Patent Prosecution
- Intellectual Property
- Intellectual Property Counseling & Opinions
- Intellectual Property Litigation
- Patent Litigation
- Patent Preparation & Prosecution
- Post-Grant Proceedings
- Trademark, Copyright & Branding
- International Trademark & Clearance
- Hatch-Waxman & Biologics

Related Capabilities

- Medical Devices

- Antonin Scalia Law School - George Mason University (J.D.)
 - Certificate in Intellectual Property Law
- Syracuse University (Ph.D.)
 - Solid State Science & Technology; Nominee for Outstanding Ph.D. Dissertation Award
- Stevens Institute of Technology (M.S.)
 - Materials Science & Engineering
- Hanyang University (B.S.)
- International

Bar Admissions

- District of Columbia
- Maryland
- Admitted to practice before the United States Patent and Trademark Office

Court Admissions

- U.S. District Court for the District of Columbia
- U.S. District Court, District of Maryland
- U.S. District Court, Eastern District of Texas
- United States Court of Appeals for the Federal Circuit
- District of Columbia
- State of Maryland

Memberships

- American Bar Association
- American Intellectual Property Law Association
- American Physical Society
- American Vacuum Society
- International Trademark Association
- Materials Research Society
- National Asian Pacific American Bar Association
- SPIE-The International Optical Engineering Society

Recognition

- Listed No. 30 on the list of the Top 100 Best Performing Attorneys Overall and No. 32 on the list of the Top 100 Best Performing Attorneys in High-Tech, Patexia's Patent Prosecution Intelligence Report, 2025 Edition
- Listed No. 18 on the list of the Top 30,000 patent attorneys Overall and No. 20 in High-Tech, Patexia's Patent Prosecution Intelligence Report, 2024 Edition, April 2024
- Appointed as Advisory Board Member in Patent Litigation with Practical Law Intellectual Property & Technology, Thomson Reuters, January 2024
- Selected for inclusion in IAM Patent 1000 list of the World's Leading Patent Practitioners, 2023-2025, DC Metro - Bronze Patent Litigation
- Listed No. 19 on the list of Top 100 Best Performing Attorneys in High-Tech; and No. 52 on the list of Top 100 Best Performing Attorneys Overall, Patexia's Patent Prosecution Intelligence Report, 2023 Edition
- Listed No. 49 on the list of Best Performing Attorneys Overall and No. 23 on the list of Best Performing Attorneys in High-Tech out of 27,000 patent attorneys issued by Patexia's Patent Prosecution Intelligence Report 2022 edition, Apr 2022
- Selected for inclusion in Top Rated Intellectual Property Litigation Attorney in Washington, DC. Super Lawyers, Thomson Reuters, 2018-2019
- Appointed as Adjunct Professor at Ulsan National Institute of Science and Technology (UNIST), Graduate School of Technology and Innovation Management,

2016-2020

- Selected for inclusion in Honoree of *Lawyers of Color's* "Annual Hot List," 2014

Matters

- Represented a world's leading electronics company in defending patent infringement cases against non-practice entities involving multicore microprocessors. Case settled favorably for the client with no payment.
- Represented a world's leading semiconductor manufacturer, in patent infringement action relating to DRAM and flash memory devices. Obtained highly favorable Markman ruling and case settled before trial.
- Represented a leading consumer electronics company, in defending against patent infringement claims involving touch-screen technologies. Case resolved favorably on terms to the client during discovery.
- Represented a global leader in flat panel displays in defending against claims of patent infringement for plasma enhanced thin film deposition technologies. Case settled favorably for the client without a substantial investment in legal fees.
- Represented a company in patent infringement and complex antitrust actions, involving patent misuse and misconduct in the context of industry standard setting organizations relating to JPEG image compression technology for digital cameras and digital camcorders. Case settled favorably for the client.
- Represented a world's leading wireless telecommunication device manufacturer, in patent infringement action regarding the use of folder type design in cellular phones. Case settled favorably for client without a substantial investment in legal fees.
- Defended a manufacturer in patent infringement case in LCD computer monitors. Case settled favorably for client without a substantial investment in legal fees.
- Represented a leading semiconductor company in Section 337 investigations before the U.S. International Trade Commission, involving gallium nitride light emitting devices. Investigation terminated on the basis of settlement agreement before the hearing.
- Represented a world's leading semiconductor manufacturer, in patent infringement action relating to dynamic random access memory (DRAM) devices. Obtained highly favorable claim construction ruling and case settled before trial.
- Represented a telemedicine company in trademark infringement and breach of contract actions, brought by a diabetes treatment service company in diabetic cell phones. Case settled favorably before trial.
- Represented an aftermarket auto parts company, to defend patent infringement action in rear view monitoring camera technologies. Case resolved favorably on terms to the client during discovery.
- Defended a leading flat panel display company, and a thin film coating system equipment company in misappropriation of trade secrets case, involving allegations of misappropriation of technical manufacturing information, and other technical and competitive trade secret information on coating systems for thin film applications. Case settled favorably for the client during discovery.
- Represented several clients involving ink cartridges with chips for inkjet printers against patent infringement claims, based Section 337 investigation before the International Trade Commission and in federal district court. Case settled favorably for the clients during discovery.
- Represented an international entertainer and its agency company in trademark infringement action, involving entertainer's stage name. Successfully defended the

clients against a preliminary injunction after being hired only one week before the hearing. Case resolved highly favorable on terms to the clients.

- Defended one of the world's leading manufacturers of flat panel displays in patent infringement case, involving the image processing technologies in liquid crystal display devices. Obtained favorable Markman ruling and case settled before trial.
- Defended a world leading electronics company in trademark infringement action brought by a large personal communication device manufacturer involving cellular phones, resulting in favorable settlement.
- Defends a world's leading manufacturer of smart phones in patent infringement action brought by a non-practicing entity regarding dual core micro-processor technology.
- Represents patentees in patent enforcement actions related to computer aided mapping technologies applicable to a variety of wireless consumer electronics including smart phones.
- Represented a world's leading manufacturer of high power light emitting diodes in patent infringement action, based Section 337 investigation before the International Trade Commission against major competitors. Case settled prior to trial.
- Defended Virginia construction service companies in a patent/trademark infringements, antitrust, and tortious interference action related to highway safety products. Case settled very favorably on terms to the client including a royalty-free license.
- Represented a world's leading manufacturer of home appliance in patent infringement actions regarding the use of direct-drive technology in drum type washing machines.
- Defended a Virginia technology company in a patent infringement action related to RFID technology.
- Represented a capital management company in patent infringement claims relating to high power light emitting diodes.
- Represented a client in patent infringement actions regarding the use of WiFi technologies.
- Represented a global leading electronics company in trademark infringement actions relating to wireless network devices.
- Defended a computer peripheral device manufacturer in a patent infringement action brought by client's major competitor. After aggressive pretrial negotiations, case settled very favorably on terms to the client including a royalty-free license to all current and future intellectual property owned by the plaintiff.
- Represented one of the world's leading manufacturers of consumer electronics to defend patent infringement claims regarding the use of real time data processing technology in GPS navigation devices, resulting in favorable settlement without a substantial investment in legal fees.

Publications

November 17, 2025

Integrating AI into Patent Practice: Tools, Compliance, and Workflow Optimization

Co-Author, Thomson Reuters