

Introduction to Quinn Emanuel:

- 800+ litigators and arbitration practitioners—the largest and most successful litigation and arbitration
 law firm in the world.
- We have grown without a merger or acquisition of a large group. Our growth has come from recruiting top law students from top law schools and very selective lateral partner hiring. Forty-eight of our partners were managing partners or practice heads at their prior firm. At last count, 221 of our attorneys (or 36%) were law review editors in law school and/or clerked for judges.
- 23 offices located in 10 countries: New York, London, Los Angeles, Silicon Valley, San Francisco, Chicago, Washington, D.C., Houston, Seattle, Boston, Salt Lake City, Paris, Hong Kong, Tokyo, Mannheim, Hamburg, Munich, Brussels, Sydney, Zurich, Shanghai, Perth, and Stuttgart.
- Our global capabilities make coordinated representation in multi-jurisdictional litigation (e.g., competition, patent, product liability, antitrust cases, government investigations and prosecutions) more effective and efficient.

"A Global Force in Business Litigation"

~ The Wall Street Journal

Quinn Emanuel Takes Cases to Trial and Wins:

We try more major business cases than any other law firm. At least once each year, we are in a trial or an arbitration pursuing or defending against a claim for over \$1 billion in damages.

- Partners have tried over 2,300 trials and arbitrations and WON 88% of them.
- We have obtained five 9-figure jury verdicts, forty-three 9-figure settlements, and nineteen 10-figure settlements. No other firm can say that.

Quinn Emanuel Takes Cases to Trial and Wins (cont'd.):

We have won over \$70 billion in judgments and settlements; \$28 billion in a recent two-year period. No other firm can say that.

- When representing defendants; we have won cases outright where the plaintiffs were seeking billions of dollars. When representing plaintiffs, we have recovered hundreds of millions of dollars in several cases.
 We bring unmatched ability and credibility to whichever side we are on.
- Voted five times as one of the four "most feared" firms by General Counsels at Fortune 500 companies
 the lawyers they "least like to see" on the other side.
- Because of our formidable reputation as trial lawyers, we get better settlements.
- We pride ourselves on our negotiation skills and recognize it is often not in our client's interest to go to trial. Some of our greatest achievements—particularly in the white collar area—you will never hear about because the prosecutors dropped the charges or settled them. We are particularly proud of resolving suits on a business basis without resorting to the courts.

Quinn Emanuel Practice Areas:

- Antitrust & Competition
- Appellate
- Bankruptcy
- Class Action
- Construction
- · Crisis Law
- Cyber Security & Data Protection
- Distressed Investment Practice
- Domestic U.S. Arbitration
- Employment
- Energy
- Environmental
- Government & Regulatory Litigation
- Government Contracts
- Health Care
- Hedge Fund Litigation
- Insurance & Reinsurance
- Insurance Recovery
- Intellectual Property: Contested PTAB & USPTO

Proceedings

- Intellectual Property: Copyright
- Intellectual Property: International Trade Commission
- Intellectual Property: Internet
- Intellectual Property: Patent
- Intellectual Property: Trade Secrets
- Intellectual Property: Trademark, Trade Dress, Unfair Competition/False Advertising, and Publicity Rights Litigation
- International Arbitration
- International Trade
- Investigations, Government Enforcement & White Collar Criminal Defense Practice
- Investment Advisor and Asset Manager Litigation Practice
- Israel
- Latin America
- Lender Liability & Other Banking and Financial Institution Litigation

Quinn Emanuel Practice Areas (cont'd.):

- Life Science: Antitrust
- · Life Science: Class Actions/Mass Torts
- · Life Science: Pharmaceutical Litigation
- Litigation Representing Plaintiffs
- Media & Entertainment
- Mergers and Acquisitions Litigation
- Private Equity Fund Practice Description
- Product Liability
- Real Estate
- Representing Pension Funds, Other Managed Funds, and Government Agencies as Plaintiffs
- Rockets, Satellite & Aerospace
- Securities
- · Sovereign Wealth Fund Litigation Practice
- Sports
- Structured Finance
- Transnational

Awards and Notables

- · Voted "International Law Firm of the Year" by London legal publication, The Lawyer.
- Leading UK legal periodical Legal Business named us "U.S. Law Firm of the Year" three times.
- JUVE, Germany's most prestigious legal directory, named us both "IP Law Firm of the Year" and "Patent Law Firm of the Year."
- Both Corporate Int'l Magazine and Global Law Experts named us "Business Litigation Law Firm of the Year in Japan." Our Asia practice was also named "Best in IP" at Asialaw's Asia-Pacific Dispute Resolution Awards, and our victory for Samsung in smartphone patent litigation against Apple was named "Matter of the Year."
- The American Lawyer twice ranked us among the top six business litigation departments in the U.S. and named us the top IP department in the country.
- Twice named "International Trade Commission Law Firm of the Year" by Managing IP.
- Twice named "Product Liability Firm of the Year" by *Chambers USA* and recently awarded "Product Liability Group of the Year" by *Law360*.
- Named "Antitrust Litigation Department of the Year" by The Recorder.

We only do one thing — disputes work — and we are the best at it. We win.

Awards and Notables (cont'd.)

- Two-time winner of Law360's "Insurance Practice Group of the Year" award.
- Named one of the eight "Most Innovative Law Firms" by BTI Consulting Group.
- Close relationships with leading Democratic and Republican officials in Washington, D.C. facilitate fair hearings for client positions. Three of our partners have worked in the White House: two for Democrats, one for Republicans.
- Twenty four partners were law school professors one was the Dean of the Stanford Law School.
- We have a demonstrated record of advancing women. In 2010, Kathleen Sullivan became a name partner, marking the first time a woman held this position at an Am Law 100 law firm. Seventeen women are either office managing partners or practice group chairs.
- We have been recognized as one of the most diverse major firms in the U.S. Five years in a row, *The American Lawyer* has recognized us as one of the "Top Firms for Diversity." We have also been named one of the top firms for minority attorneys by *Law360*.

We only do one thing — disputes work — and we are the best at it. We win.

Intellectual Property Litigation:

- We have the most successful patent litigation practice in the world; nearly 120 of our lawyers also have science or engineering degrees.
- We have litigated cases regarding automated driving, CRISPR gene editing and other cutting edge technologies. We have been involved in the largest multi-jurisdiction patent disputes including the "smartphone wars," where we were the defender of the Android operating system, and the ongoing Apple v. Qualcomm litigation. We have the leading patent litigation practice in Germany, the second most important IP jurisdiction in the world, and a specialized ITC practice team in Washington, D.C. Thus, we are able to offer clients representation in the most important patent dispute venues under one roof.

Intellectual Property Litigation:

- IP litigation is the firm's biggest practice area. We protect and exploit the IP for companies that have developed some of the most valuable IP in the world. Our regular clients include Google, IBM, Qualcomm, SONY, Samsung, Symantec, and Johnson & Johnson. Legal publications rate our IP practice among the top IP in both the US and Germany (where 80% of the EU's IP cases are filed). The American Lawyer (2012) named us the "Top IP Litigation Department of the Year," and The National Law Journal (2014) selected us to its "Intellectual Property Hot List." Prestigious German legal directory, JUVE, named us "IP Law Firm of the Year" (2012) and "Patent Law Firm of the Year" (2012).
- Over 120 of our lawyers have degrees in either hard sciences or engineering. Thus, we can quickly learn even the most complex technologies. And, because we try so many cases, we have mastered the art of explaining these often complex technologies to judges and juries that do not have technical backgrounds. We have won many IP trials representing companies as plaintiff, including what was at the time largest jury verdicts in the history of California and Massachusetts. We are equally adept at winning trials when our clients are defendants. Our US practice is national. We litigate all over the US. We are one of the few law firms to have obtained multiple defense verdicts in the Eastern District of Texas.

Intellectual Property Litigation (cont'd.):

- There is an oft repeated phrase: The world is shrinking. It certainly is in IP litigation. IP disputes between major companies almost invariably involve litigations in the US district courts, the ITC and the EU. Our lawyers work seamlessly with each other in these cross-border disputes coordinating strategy and doing so in the most efficient way possible.
- Specific areas of our IP litigation and trial practice include:
 - Patent Litigation
 - Copyright Litigation
 - Trade Secret Litigation
 - Trademark, Trade Dress, Unfair Competition/False Advertising, and Publicity Rights Litigation
 - Internet Litigation

Financial Litigation:

- We have the preeminent finance industry litigation practice in the world. We have the ability to be adverse to all major money center banks. We have unequalled experience in disputes regarding bankruptcy, restructuring and complex financial products, such as derivatives, swaps, commodities, futures and options, RMBS, and CDOs. We were twice named "Banking Group of the Year" by Law360. We were named "Banking Group of the Year" by Law360 four out of the last five years.
- In 17 multi-billion dollar RMBS cases we brought on behalf of FHFA, we recovered approximately \$25 billion for U.S. taxpayers in settlements from major investment banks. We were also appointed co-lead counsel in the credit default swaps antitrust case, which alleged that major Wall Street banks conspired with Markit and ISDA to boycott the exchange trading of CDS. After two years of litigation, we obtained a settlement of more than \$1.86 billion, even though both the DOJ and EC had investigated and failed to bring charges.

White Collar Litigation:

- We have one of the top white collar defense practices in the world. Over 25 partners are former Assistant United States Attorneys two of whom were the United States Attorney in their districts. Sam Williamson is the only former U.S. prosecutor practicing in China (he is a fluent Mandarin speaker). We represent individuals and companies in U.S. and international investigations and cases. The partners in this group regularly conduct internal investigations in every industry. We were named the "Most Impressive Investigations Practice of the Year" by *Global Investigations Review*, the leading legal periodical covering global white-collar investigations and twice named "White Collar Group of the Year" by *Law360*.
- With former U.S. prosecutors in the U.S. (the most of any firm), Europe, and Asia, clients can be secure
 in the knowledge that issues are being handled by the same quality of lawyers they are used to dealing
 with in the U.S.

Class Action, International Arbitration and Appellate Litigation:

- Twice voted "Class Action Group of the Year" by Law360 for successes in antitrust, securities, consumer fraud and wage and hour class action litigation on both defense and plaintiff side. In past three years, defeated more than 20 class actions with prejudice at the pleading stage, and prevailed in more than two dozen others by defeating class certification, obtaining summary judgment, or resolving the case with no monetary payment. We are one of the few firms to have actually tried multiple class actions to verdict.
- Our top international arbitration practitioners in London, Paris, New York, Washington, D.C., Los Angeles, and Hong Kong have collectively conducted arbitrations before all leading arbitral authorities—including the largest ICC arbitration ever. Global Arbitration Review consistently ranks us as one of the leading firms for international arbitration in the world, and our arbitration specialists are rated among the world's best by Chambers, Legal 500, and Law360.
- Our appellate practice, headed by nationally recognized advocate Kathleen Sullivan, has been recognized as one of the best in the U.S. and enables us to protect our clients' wins and turn around any losses. We have overturned six 8- and 9-figure verdicts. We have been named to The National Law Journal's "Appellate Hot List" eight out of the last nine years and recognized as "Appellate Group of the Year" by Law360.



Sean S. Pak Partner Tel: +1 415-875-6320

E-mail: seanpak@quinnemanuel.com

- Sean is Co-Chair of the firm's National Intellectual Property Litigation Practice and Co-Managing Partner of the San Francisco
 office. Sean is a trial lawyer with extensive experience in litigating patents, trade secrets, copyrights and other intellectual
 property in "bet the company" cases on behalf of both plaintiffs and defendants.
- Sean was co-lead counsel for Qualcomm in its global dispute against Apple. In January 2017, Apple launched an offensive litigation campaign against Qualcomm, alleging in multiple lawsuits that Qualcomm's licensing practices were anticompetitive and seeking declaratory judgment of non-infringement of several Qualcomm patents. Our firm worked with Qualcomm to put together a cross-border counter-offensive against Apple. This litigation counterattack for Qualcomm spanned more than nine lawsuits in five different tribunals across multiple continents.
- The in-court demonstration of Apple's infringement resulted in three significant showings of the portfolio's strength. A Southern California jury verdict awarded a royalty of \$1.41/unit on Apple's infringing products and two separate ITC Investigations resulted in findings of infringement. The second ITC case resulted in an impending exclusion order that would affect all of the newest and future iPhones after Apple's extensive public interest arguments based on 5G and competition were soundly rejected by the ALJ. Sean was one of two lead attorneys for Qualcomm in each of these matters, handling numerous witness examinations and arguments during trial. These results helped drive the successful settlement of the parties' global dispute before any of Apple's offensive claims were ever heard by a jury, resulting in billions of dollars of chip sales and licensing revenues for Qualcomm.

Sean S. Pak, Partner - Biography Continued

- Sean was the lead trial counsel for Varian Medical Systems in a global patent litigation dispute against its primary competitor Elekta involving numerous patents on cancer treatment technologies across numerous jurisdictions including the International Trade Commission, District of Delaware, Northern District of California, Germany and United Kingdom. Sean and his team were able to obtain a highly favorable settlement for Varian, after an ITC victory on behalf of Varian in which Elekta was found to infringe multiple, valid patents owned by Varian.
- Sean was one of two lead counsel for plaintiff Viasat in a complex patent and contract breach case against Space Systems/Loral involving broadband satellites, which resulted in a jury verdict of \$283 million for ViaSat in the Southern District of California. In 2014, Sean won "Milestone Case of the Year" at the Managing IP North America Awards for his Viasat jury verdict. Sean also won Top Verdict of 2014 by The National Law Journal, Top 10 Plaintiff Verdict by Dollar by the Daily Journal, and Top California Verdict of 2014 by The Recorder, achieving the highest dollar amount across all categories.
- Sean also obtained a complete defense verdict as trial counsel in a multi-patent jury trial in Delaware on behalf of Symantec, defeating
 a claim for damages exceeding \$1 billion. Sean was also trial counsel on behalf of defendant Samsung Electronics in the second
 "smartphone" patent trial brought by Apple in the Northern District of California, in which all Apple patents defended by Sean and his
 team were found to be not infringed and Apple received less than six percent of its damages claim on the remaining patents defended
 by the Firm.
- At the International Trade Commission, Sean has served as trial counsel for respondent HTC in the ITC investigation (337-TA-710) initiated by Apple, and trial counsel for respondents NVIDIA, Broadcom, STMicroelectronics, MediaTek, Cisco, and Motorola in the ITC investigation (337-TA-753) initiated by Rambus. In both cases involving billions of dollars in product sales, the ITC Commission found no violation for all claims defended by the Firm. In addition to trial victories, Sean has secured dispositive summary judgment victories for his clients in various venues, including the Eastern District of Texas, the Northern District of California, the District of Delaware and the Western District of Washington.
- Sean received his J.D., cum laude, from Harvard Law School, and B.S. and M.Eng. in Electrical Engineering and Computer Science from MIT, and has engineering experience at Intel Corporation and the MIT Artificial Intelligence Laboratory.



Victoria F. Maroulis

Partner

Tel: +1 650-801-5022

E-mail: victoriamaroulis@quinnemanuel.com

Victoria Maroulis is Managing Partner of the Silicon Valley Office and a Co-Chair of the firm's Life Science Practice. Mrs. Maroulis is a leading IP trial lawyer who has litigated and provided counseling on a broad range of patent, copyright, trademark, and trade secrets matters in the fields of telecommunications, software, hardware, semiconductors, medical devices, and biotechnology for clients such as Samsung, General Electric, BlackBerry, Cisco, T-Mobile, Varian, Bio-Rad, and Genentech. For over seven years, she has been one of the lead trial counsel for Samsung in its epic battle with Apple over smartphone technology, and in June 2018, she saw this dispute through its final conclusion. The smartphone war included six trials in US District Court and International Trade Commission, a half dozen appeals to the Federal Circuit, and a win at the Supreme Court in the first design-patent case to reach the Supreme Court in over a century. More recently she successfully served as co-lead trial counsel in the smartphone battle between Samsung and its competitor Huawei, filed in the United States District Court and in China in 2016 which included more than 20 standard-essential patents asserted by Samsung and Huawei against each other and related breach-of-contract claims. Vicki regularly writes and lectures on IP matters and has taught trial practice at Stanford Law School and the in-house Quinn Emanuel training program. In the past decade, she has been selected as one of 10 Intellectual Property Rising Stars under 40 nationwide by Law360, recognized in the IAM Patent 1000 as one of the leading patent litigators world-wide, named as one of the top 100 women litigators in California by The Daily Journal, featured in The American Lawyer's "45 under 45" list of outstanding attorneys, chosen for The Recorder's list of women leaders in tech law, and named one of Managing Intellectual Property's IP STARS. Vicki received her J.D. from Yale Law School and B.A. from Stanford University.



Xiao Liu Partner Tel: +86 21 3401 8766 E-mail: xiaoliu@quinnemanuel.com

- Xiao is a partner of Quinn Emanuel's Shanghai office. A Chinese lawyer trained as a U.S. litigator, Xiao has built a unique practice focusing on representing China-based companies and individuals in litigation and government enforcement actions in the United States and advising multinational companies in internal investigations and enforcement matters relating to anti-corruption—particularly the Foreign Corrupt Practices Act—and other compliance matters in Asia.
- Xiao has been involved in handling various stages of litigation proceedings in federal and state courts in the U.S., including dispositive motions, depositions, jury and bench trials and appeals. Back in 2013, Xiao was a member of a four-person trial team that won a bench trial in the Southern District of New York for a French conglomerate, which set the first precedent in a public market purchase case where the defendant successfully rebutted the fraud-on-the-market presumption. Focusing on representing China-based businesses in recent years, Xiao has been a key member of defense teams for a long list of leading Chinese companies, having won dismissals and favorable settlements in U.S. litigations for companies such as Weibo Corp., Youku Tudou Inc., Jumei International Holding Ltd., VIPShop Holdings Ltd., ChinaCache International Holdings Ltd. and AirMedia Group Inc.
- Xiao also handles government enforcement actions and internal investigations on behalf of Chinese and multinational companies. He has been involved in resolving enforcement actions brought by the United States Department of Justice (DOJ), Securities and Exchange Commission (SEC), the Federal Reserve, and Financial Industry Regulatory Authority (FINRA), and various Chinese authorities. His clients have included multinational companies, Chinese companies (both state-owned and non-state-owned) and individuals from diverse industries including pharmaceuticals, energy, manufacturing, media & entertainment, internet, technology, education, automobile, and financial services. He also frequently advises on compliance/internal control programs.
- Xiao also has experience in international arbitration matters, particularly those involving Asia-based parties.
- Xiao completed a half-year internship with the Chinese Supreme People's Court (No. 4 Civil Division) and a judicial externship with the Honorable Judge Rosemary M. Collyer of the United States District Court for the District of Columbia. While maintaining his practice, Xiao has taught an introductory course on U.S. civil litigation at Peking University Law School and frequently lectures on topics relating to the FCPA, anti-corruption, internal controls and U.S. litigation.
- Xiao was named by Chambers & Partners as a "rising star" in the China market for his "expertise in FCPA investigations and enforcement matters" and selected by China Law Practice as a finalist for its 2018 Rising Star of the year award.



Mark Tung
Partner
Tel: +1 650-801-5016
E-Mail: marktung@quinnemanuel.com

- Mark Tung is a partner in the firm's Silicon Valley office and specializes in intellectual property litigation in federal courts and the U.S. International Trade Commission. He has experience in patent and trade secret cases involving a wide range of technologies, including wireless communications, networking, hard drives, semiconductor circuits, semiconductor packaging and processing, user interfaces, smartphones, software, video compression technologies such as MPEG, and communications standards such as IEEE 802.11, 3GPP, DVB-S2, and Bluetooth. He has tried cases in federal courts throughout the country, as well as before the International Trade Commission.
- Mark Tung frequently represents Chinese companies in U.S. intellectual property disputes. For example, he recently Ledman Optoelectronic Co., Ltd., a Shenzhen-based manufacturer of LED modules and obtained a full dismissal of all asserted claims in an ITC investigation launched by Ultravision Technologies, Inc. Mark also regularly works with Chinese and Taiwanese counsel on matters where U.S. and international clients have a need to enforce their intellectual property rights in those jurisdictions. Mark is fluent in Mandarin Chinese.
- Mark has a Ph.D. in physics from the University of California, Berkeley, as well as a bachelor's degree in physics with electrical engineering from the Massachusetts Institute of Technology, and a J.D. from Harvard Law School.



Lance Yang
Partner

Tel: +1 213-443-3360

E-mail: lanceyang@quinnemanuel.com

- Lance Yang is a partner in Quinn Emanuel's Los Angeles and Seattle offices. Lance is a trial lawyer with extensive experience in litigating patents, copyrights and other complex intellectual property in "bet the company" cases. He has represented both plaintiffs and defendants and has advised companies on a broad spectrum of technologies. Lance has extensive experience in software and hardware technologies in particular. He has litigated cases in both state and federal courts, including the ITC, and has advised on patent licensing as well. Super Lawyers Magazine named Lance a "Rising Star in Intellectual Property Litigation" in 2014 and a "Southern California Rising Star" in 2015 and 2016.
- Before attending the University of Pennsylvania Law School, he spent five years at Maxim Integrated Products as an engineer and received a Masters Degree from Stanford University, specializing in RF chip design and wireless communications. He also holds an LL.M. from Tsinghua University and is admitted to the United States Patent and Trademark Office.



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