Seeding

We advance and protect the world's most valuable brands and innovations.

Establishing a Strong and Valuable Intellectual Property Portfolio

Seed IP Law Group specializes in providing legal assistance in all areas of intellectual property: patents, trademarks, copyrights, trade secrets, licensing and litigation. Since our founding in 1962, Seed IP has evolved into one of the Pacific Northwest's leading IP firms.

Our valued clients represent a full spectrum of business and industry, from multinational corporations to start-up companies to individuals. We are entrusted with the critical mission of adding value to their innovations and protecting their intellectual assets. Because we consistently honor that trust with our diligence, creativity and expertise, Seed IP enjoys many long-term client relationships.

The team approach we prefer combines the interrelated expertise of Seed IP attorneys and specialists, and makes you an integral part of the process. We have found that the best results are usually the product of open communication.

Because we customize our programs to meet your specific needs, we always begin a new relationship by listening. Should you choose to work with Seed IP, this will be our first order of business.

We look forward to working with you.



Firm Honors & Awards

Seed IP is one of the leading intellectual property firms in the Pacific Northwest, with national and international reach. Please see the list below for some of the various accolades and honors recently bestowed upon the firm and its attorneys.



















The Best Lawyers in America® 2024 | Seed IP has eighteen attorneys listed in the 2024 edition of The Best Lawyers in America®, the oldest and most respected peer-review publication in the legal profession. Additionally, seven attorneys were selected to the third annual "Ones to Watch" list in 2024.

Best Law Firms® 2024 (Best Lawyers®) | In 2024, Seed IP is ranked nationally in seven practice areas and ranked regionally in six practice areas.

Top Patent Firms 2024 (Harrity & Harrity, LLP) | Seed IP is ranked at #21 nationally for top patent law firms, based on the total number of U.S. utility patents (1,625) that issued during 2023.

Martindale-Hubbell® Top Rated AV Preeminent™ Intellectual Property Lawyers 2024 | Seed IP has six AV-rated attorneys, and one Distinguished-rated attorney as of 2024.

World Trademark Review 1000 – The World's Leading Trademark Professionals Seed IP listed as "Recommended Firm" in 2024. Kevin Costanza and Russell Pangborn listed as "Recommend Individuals" in 2024.

WTR (World Trademark Review*) Global Leaders 2023 | Russell C. Pangborn recognized yearly from 2019-2023.

Washington's Best Workplaces 2023 (Puget Sound Business Journal) | Seed IP is recognized as one of Washington's Best Workplaces for 2023, in the Large Companies category.

Managing Intellectual Property's IP Stars | In 2023, Seed IP ranked as a "Highly Recommended Firm" for intellectual property matters, and has four attorneys listed as "IP Stars" for patent and trademark matters.

Washington Super Lawyers + Rising Stars (Thomson Reuters) | In 2023, Seed IP has five attorneys selected to Super Lawyers and five attorneys selected to Rising Stars.

Chambers USA | Seed IP received a firm ranking, along with having two of its partners, Karl Hermanns and Kevan Morgan, listed as "Notable Practitioners" in the 2023 edition.

IAM Strategy 300: The World's Leading IP Strategists | Brooke W. Quist recognized in the 2022 edition. The guide identifies the individuals who are leading the way in the development and implementation of strategies that maximize the value of IP portfolios.

IAM Patent 1000 – The World's Leading Patent Professionals 2023 | Seed IP has eight "Recommended" or "Highly Recommended" partners on "The World's Leading Patent Professionals 2023" list, and the firm itself is ranked in the "Gold Band" for Firms: Prosecution, as well as "Highly Recommended" for Firms: Transactions, in 2023.

WIPR Leaders (World Intellectual Property Review) | Russell C. Pangborn recognized in years 2017-2020.

Diversity Snapshot 2023 – Law360 (A LexisNexis® Company) | In 2023, Seed IP is ranked at #7 on the Law Firms With the Most Diverse Equity Partnerships list for U.S. law firms with 100 or fewer attorneys.



Introducing Seed Intellectual Property Law Group

We understand that you may have an interest in obtaining our legal services in intellectual property matters. With that in mind, we have prepared the following material to provide you with more information about Seed IP Law Group. After you have reviewed this material, please feel free to contact us if you have questions, would like to schedule a meeting to learn more about our firm, or are interested in retaining our services.

Our Firm

Seed IP Law Group is the leading intellectual property law firm in the Pacific Northwest with over 50 patent attorneys, trademark attorneys, and patent agents, and a support staff of over 120 employees. We have a wide variety of clients that range from individuals and start-up companies in emerging technologies to established multinational corporations, with IP needs ranging from trademark clearance to protecting complex chemical, biotechnology, electrical engineering, mechanical engineering, and software patents.

Seed IP provides comprehensive legal assistance in all areas of intellectual property, including patents, trademarks, copyrights, trade secrets and unfair competition, confidential information, due diligence, licensing, enforcement, litigation, and mediation. Moreover, our full service approach is integrated to assist in development and maintenance of a strategic and robust intellectual property protection program.

A global and integrated strategy for protecting intellectual assets, combined with clearance studies, is critical to establishing a strong and valuable intellectual property estate We employ a team approach in which attorneys with complementary experience and skills work together to provide the most comprehensive, cost-effective legal services possible to create and execute intellectual property strategies and portfolios.

We leverage our specific legal and technical expertise to develop programs designed to address each client's particular business needs and objectives. In developing a customized program, we work with a company's management team to identify core competencies, we evaluate the nature of the intellectual property at issue, and we work with inventors to identify the points of novelty of inventions. Based on these and other factors, such as a client's product or service, business model, and development goals, we implement and maintain the most appropriate strategy to broadly protect and to maximize the value of our clients' innovations and other intellectual assets.



Our Services

PATENTS

We provide a full range of patent law services, including the following:

- developing patent protection strategies
- patentability searches and opinions
- preparing, filing and prosecuting United States patent applications
- preparing, filing and prosecuting international patent applications
- rendering patent clearance and validity opinions
- preparing and negotiating patent licenses
- patent infringement litigation

In support of these services, Seed IP Law Group's attorneys are trained in a variety of technical areas including:

- molecular biology and genetics
- · chemistry, biochemistry, and pharmacology
- microbiology and immunology
- cellular biology
- plant biology
- medical devices
- chemical engineering
- electrical engineering
- aeronautical engineering
- mechanical engineering
- civil engineering
- computer hardware and software

TRADEMARKS

We provide a full range of trademark services, including:

- trademark searches and clearance opinions
- developing trademark and brand protection strategies
- preparing, filing, and prosecuting trademark applications in the United States and internationally
- preparing and negotiating trademark licenses
- trademark infringement litigation
- conflicts and enforcement
- litigation
- UDRP actions
- contested actions before the TTAB
- Internet policy
- domain name protection and enforcement
- new gTLD counseling and policy development



Our Services (cont'd)

COPYRIGHTS

Copyright services of the firm include:

- developing copyright protection strategies
- copyright searches
- preparing, filing and prosecuting copyright applications
- preparing and negotiating copyright licenses
- copyright policy development

IP ENFORCEMENT, DEFENSE & LITIGATION

Seed IP Law Group takes a constructive approach toward enforcing its clients' patents, trade secrets, trademarks and copyrights. Should infringement occur, we can call on our extensive litigation and negotiation experience to enforce our clients' intellectual property rights or defend our clients against infringement actions.

For technology-based disputes, our attorneys bring a unique combination of legal experience, technical understanding and business savvy to assist our clients.

For trademark, domain name and unfair competition disputes, our attorneys have experience protecting, enforcing and defending world renowned brand names and marks.

MEDIATION

Mediation allows parties to craft mutually agreed settlements with the help of a trained, neutral Mediator. It is an informal and nonadversarial process to reach voluntary agreements that can go "outside the box" and address the parties' business or personal interests in ways the courts cannot.

LICENSING

In order to assist clients in realizing and maximizing the potential value of intellectual property, Seed IP Law Group provides counsel in the preparation and negotiation of contracts and license agreements, both domestically and abroad.



Secure & Efficient Communication

Timely, precise, and secure communication is critically important in today's modern business environment and is absolutely essential in providing patent, trademark, and copyright protection for our clients.

Our technology infrastructure provides our attorneys with the necessary tools needed to provide the highest level of legal service 24 hours a day.

Our secure extranet gives our clients access to key documents allowing them to collaboratively manage their intellectual property portfolios. We also provide a help desk to assist our clients with using the system.

Our clients are on the leading edge of science and technology. We've designed our client service systems to respond to and support their needs.

Our Support Team

Seed IP Law Group includes an experienced and knowledgeable support staff to assist in providing comprehensive, efficient, and cost-effective legal services. Our support teams include:

- a team of paralegals with extensive experience in U.S. patent prosecution
- a team of paralegals dedicated to international patent filings
- a team of paralegals supporting trademark research and filings
- a team of paralegals and other staff supporting litigation
- a dedicated docketing department to track all forms of legal due dates
- a team of draftsmen that prepare all types of design and utility patent application drawings and figures
- a full service accounting department
- a team of word processors proficient in many different software applications
- a full service information technology team, including support for secure web-based access to electronic documents
- a team of over 130 foreign associates in over 80 countries



Diversity & Inclusion

Seed IP Law Group is committed to diversity and inclusion throughout our organization. We recognize this commitment is key to the creativity and innovation that are so important to the continued success of our people and our firm. Our firm has and will continue to benefit from diversity and inclusion as core values.

"Continuing to recruit, hire, and retain a diverse group of the country's top IP attorneys is one of the core elements of our long-term strategic plan. We are very proud of the diverse and inclusive environment we have created and will continue to create."

Kevin S. Costanza

Managing Partner

"Our firm's makeup reflects the complexity and diversity of the world we live in today. Our legal and technical expertise is complemented by experience in a broad range of cultural and business environments, from multi-national corporations to women- and minority-owned businesses here in the U.S."

Hai Han, Ph.D.

Partner

"The diverse group of people at Seed IP with different perspectives, experiences, and opinions help foster a culture of innovation, growth, and mutual respect."

Syed M. Abedi

Partner

"As the firm's clientele becomes more diverse, hiring and retaining diverse attorneys, agents, and staff helps with understanding and solving the various challenges our clients face in the global market."

Nathan (Hyun Kyu) Lee

Associate

The Biotechnology, Pharmaceuticals & Chemistry team chosen for your project is a talented group of attorneys, patent agents and

Biotechnology, Pharmaceuticals & Chemistry

technical advisors with scientific expertise in a range of disciplines. Our biotechnology & chemistry experts have been selected by major pharmaceutical firms as well as start-up biotechnology companies to create value and devise protection for intellectual assets. They would be honored to do the same for you.



Biotechnology, Pharmaceuticals & Chemistry Team

PARTNERS

Michael P. Cooper Hai Han Eric A. Harwood Karl R. Hermanns Michelle M. LeCointe Qing (Becky) Lin John A. Morgan Jeffrey M. Sakoi Brooke L. Sargeant Eileen S. Sun Samuel E. Webb

OF COUNSEL

Jessica S. Gritton

ASSOCIATES

Christopher D. Bayne
Will de van der Schueren
Toby J. Ligon
Shi (Michelle) Liu

PATENT AGENTS

Anna L. Mallam Tessa McClure Janaki Purushe Our Biotechnology, Pharmaceuticals & Chemistry team assists a wide range of clients with cutting-edge innovations to meet health care needs. We not only speak the language, we know the science first hand. Immunology, molecular biology, biochemistry, chemical engineering, and protein biology are only a few of our areas of expertise. Our patent attorneys and agents combine impressive scientific credentials with in-depth knowledge of intellectual property law to shape strong, value-maximizing protection for our clients' ideas and inventions. We can help protect your innovations – from filing patent applications to the continued protection of your granted patent rights. We work with all clients on an individualized basis to develop tailored intellectual property strategies that fit their business plans and company goals. At Seed IP, we understand the complexities of the science behind your innovations, as well as the law.

Biotechnology, Pharmaceuticals & Chemistry

REPRESENTATIVE CLIENTS*

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4E Therapeutics Inc., Austin, TX

Acuitas Therapeutics, Vancouver, BC

ADiTx Therapeutics, Inc., Loma Linda, CA

Advanced Cell Engineering, Inc., Stuart, FL

Alexander Hutton Venture Capital, Seattle, WA

Antipodean Pharmaceuticals, Inc., Auckland, NZ

Aquinox Pharmaceuticals Inc., Richmond, BC

Araxes Pharma LLC, San Diego, CA

ARCH Venture Partners, Seattle, WA

Astex Pharmaceuticals, Dublin, CA

Audi AG, Ingolstadt, Bavaria, Germany

Ballard Power Systems Inc., Burnaby, BC

Benaroya Research Institute, Seattle, WA

BMG Pharma LLC, Gardnerville, NV

Calysta, Inc., Menlo Park, CA

Cambrios Advanced Materials Corporation, Sunnyvale, CA

Cardiome Pharma Corporation, Vancouver, BC

Celgene Corporation, San Francisco, CA

Cepheid, Sunnyvale, CA

Children's Hospital, Oakland, CA

CinRx Pharma LLC, Cincinnati, OH

Clarification Technology, Inc., Kirkland, WA

The Column Group, LLC, San Francisco, CA

ConductiveBio, Santa Clara, CA

CTI BioPharma Corp., Seattle, WA

Cyterix Pharmaceuticals, Inc., San Francisco, CA

Denali Therapeutics Inc., South San Francisco, CA

Elpis BioPharmaceuticals, Lexington, MA

enerG2 Technologies, Seattle, WA

Eupraxia Pharmaceuticals Inc., Vancouver, BC

Fred Hutchinson Cancer Center, Seattle, WA

Gen-Probe Inc., San Diego, CA

Genzyme Corporation, Cambridge, MA

GlaxoSmithKline, US and UK

GNT Pharma Co. Ltd., Suwon-si, South Korea

Gossamer Bio, Inc., San Diego, CA

Group14 Technologies, Inc., Woodinville, WA

Healionics Corporation, Seattle, WA

Humabs BioMed SA, Bellinzona, Switzerland

ID Genomics Inc., Seattle, WA

IsoRay Medical, Inc., Richland, WA

JW Pharmaceutical Corporation, Seoul, South Korea

Keck Graduate Institute, Claremont, CA

Licentia Oy, Helsinki, Finland

Limerick BioPharma, Inc., South San Francisco, CA

Living Cell Technologies, Limited, Auckland, NZ

Lumera, Bothell, WA

Lummus Technology, Houston, TX

Marker Therapeutics, Inc., Houston, TX

MDS Capital, Vancouver, BC

MedImmune, LLC, Gaithersburg, MD

Micronics, Inc., Redmond, WA

Modumetal, Inc., Seattle, WA

NanoICE, Inc., Bothell, WA

Nanyang Technological University, Singapore

Nurix Therapeutics, Inc., San Francisco, CA

Omeros Corporation, Seattle, WA

PACCAR Inc, Bellevue, WA

PerkinElmer Inc., Waltham, MA

Phoenix Molecular Designs, Richmond, BC

Portola Pharmaceuticals, Inc., South San Francisco, CA

QIAGEN GmbH, Hilden, Germany

Shandong Luye Pharmaceutical Co. Ltd., Yantai, China

SignalChem Lifesciences Corporation, Richmond, BC

Stratos Genomics Inc., Seattle, WA

Taiwan Semiconductor Mfg .Co., Ltd., Hsinchu, Taiwan

Thai Union Group PCK, Samut Sakhon, Thailand

TOKU-E Company, Bellingham, WA

Tolero Pharmaceuticals, Inc., Lehi, UT

TreeFree Biomass Solutions, Inc., Seattle, WA

University of British Columbia, Vancouver, BC

University of California at San Francisco, San Francisco, CA

The University of Manchester, Manchester, UK

University of Tennessee Research Foundation, Knoxville, TN

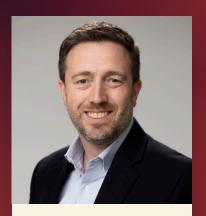
University of Victoria, Victoria, BC

Vir Biotechnology, Inc., San Francisco, CA

Xenon Pharmaceuticals Inc., Burnaby, BC

^{*} This list is not comprehensive





EDUCATION

Washington University in St. Louis School of Law J.D. 2011

University of Utah Chemistry M.S. 2011

University of Utah Chemistry B.S. 2006

INDUSTRIES

Alternative Energy Biotechnology Chemistry Pharmaceuticals

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing Trade Secrets

BAR ADMISSIONS

Missouri Washington United States Patent and Trademark Office

Michael P. Cooper

PARTNER

BACKGROUND

Michael's practice is focused on U.S. and foreign patent prosecution of chemistry and biotechnology matters, and related litigation matters. He received a B.S. in Chemistry (2006) and M.S. in Chemistry (2011), both from University of Utah, and he was awarded a J.D. from Washington University in St. Louis School of Law (2011).

HONORS AND AWARDS

• Selected to Washington Rising Stars®, 2017-2021

EXPERIENCE

Michael's practice is focused on patent matters pertaining to pharmaceutical and chemical technologies. His expertise includes U.S. and international patent preparation and prosecution, freedom to operate and patentability analyses, and intellectual property due diligence. Michael has experience with a variety of technologies including small molecule pharmaceuticals, formulations, materials science, and semiconductor fabrication.

Prior to joining Seed IP, Michael was an associate at two other U.S. law firms. As a research assistant, he studied the maintenance of lipid bilayer asymmetry in cell membranes.

AFFILIATIONS

Michael is admitted to the state bars of Washington and Missouri, and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association, the American Chemical Society, and Life Science Washington.

Michael P. Cooper

PARTNER



PUBLICATIONS

Cooper, M.P., Induced Asymmetry in Lipid Bilayers Detected by Sum Frequency Vibrational Spectroscopy. M.S. Thesis, University of Utah Department of Chemistry, Salt Lake City, UT, 2011.

Anglin, T.C., Cooper, M.P., Li, H., Chandler, K., Conboy, J.C., Free Energy and Entropy of Activation for Phospholipid Flip-Flop in Planar Supported Lipid Bilayers. Journal of Physical Chemistry B. 114(5):1903-1914, 2010.





EDUCATION

University of Washington School of Law I.D. 2003

Brown University Organic and Physical Organic Chemistry Ph.D. 1997

Peking University (China) Chemistry B.S. 1992

INDUSTRIES

Alternative Energy Biotechnology Chemistry Semiconductors Medical Devices Nanotechnology Pharmaceuticals

PRACTICES

Patent Procurement Strategic Counseling

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Hai Han, Ph.D.

PARTNER

BACKGROUND

Hai Han focuses her practice on U.S. and foreign chemical and pharmaceutical patent matters with special emphasis on small molecules. Hai received a B.S. in Chemistry from Peking University (China) in 1992 and a Ph.D. in Organic and Physical Organic Chemistry from Brown University (1997). She also conducted post-doctoral research at the Department of Chemistry, Northwestern University (1998). She holds a J.D. from the University of Washington School of Law (2003).

HONORS AND AWARDS

• Selected to Washington Rising Stars®, 2010-2012

EXPERIENCE

Hai represents many innovators in the life sciences: start-ups, clinical-stage companies, academic institutions, and international corporations. With a PhD in chemistry from Brown University, she's deeply versed in pharmaceuticals, polymer science, nanotechnology, cleantech, medical devices, and biotechnology. She is particularly experienced in chemical-related inventions that involve small molecules and pharmaceutical formulations.

As an attorney, Hai guides her clients toward IP strategies which advance their business objectives. She grows global patent portfolios for business ranging from cutting-edge biomedical startups to established international corporations. With her 20 years of experience she advises clients on every aspect of IP management, from questions about patentability to life-cycle planning, budgeting, due diligence, and strategy. She has counseled clients on license, joint venture, co-development and sponsored research agreements. She has represented both patent owners and petitioners in postgrant and appeal proceedings.

A fluent native Mandarin speaker, Hai represents a variety of clients in Asia, with a particular focus on China.

AFFILIATIONS

Hai is a member of the Washington State Patent Law Association and is registered to practice before the U.S. Patent and Trademark Office. She is admitted to the Washington State Bar (2003).

Hai Han, Ph.D.

PARTNER



PUBLICATIONS

Han, H., Zimmt, M.B., Solvent-Mediated Electron Transfer: Correlation between Coupling Magnitude and Solvent Vertical Electron Affinity. J.Am.Chem.Soc. 120: 8001, 1998.

Cooley, L.F.; Han, H.; Zimmt, M. B., Evaluation of Electronic Coupling in a Donor-Bridge-Acceptor Molecule: A Fluorescence Polarization Anisotropy Investigation. Journal of Physical Chemistry A. 106(6): 884-892, 2002.





EDUCATION

University of Washington School of Law I.D. 2009

University of Washington Organic Chemistry Ph.D. 1999

University of Washington Organic Chemistry M.S. 1997

University of California, Davis Chemistry B.S. 1993

INDUSTRIES

Biotechnology Chemistry Medical Devices Pharmaceuticals

PRACTICES

Patent Strategic Counseling

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Eric A. Harwood, Ph.D.

PARTNER

BACKGROUND

Eric Harwood is the Chair of Seed's Chemistry and Biotechnology Group. His practice focuses on chemical, pharmaceutical, and life science patent prosecution, strategy, and diligence matters. Eric earned a B.S. in Chemistry from the University of California at Davis (summa cum laude), and M.S. and Ph.D. degrees in Organic Chemistry from the University of Washington in Seattle. He received a J.D. from the University of Washington School of Law, where he now serves as an Adjunct Professor.

HONORS AND AWARDS

- Listed in The Best Lawyers in America[®], 2022-2024
- Selected to Washington Super Lawyers®, 2012

EXPERIENCE

Eric advises clients in patent matters in a wide variety of chemical industries, including early-stage drug candidates and FDA-approved products, nanostructured composite materials, heterogeneous catalysts and electroplated materials. He has successfully prosecuted Orange Book listed patents and assists clients in licensing and acquisition matters valued in the hundreds of millions of dollars in the pharmaceutical, material science, and petrochemical industries. Eric especially enjoys understanding his client's business objectives and then applying his expertise and experience in both patent law and chemistry to ensure those objectives are met. Prior to his career in law, Eric spent eight years working as both a medicinal and process chemist at small and multi-national pharmaceutical companies, where he designed and synthesized antibacterial, antiviral and kinase inhibitor drug candidates.

AFFILIATIONS

Eric is a member of the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a faculty member of the University of Washington School of Law where he teaches the Law School's course on patent application preparation and prosecution. Eric is a member of the Washington State Patent Law Association, the American Chemical Society, and Life Science Washington. He volunteers for the local Juvenile Diabetes Research Foundation (JDRF), and is passionate about finding a cure and better treatments for those living with Type 1 diabetes.

Eric A. Harwood, Ph.D.





SELECTED PUBLICATIONS

Zhu, S., Harwood, E., Cai, S., Shang, X., Galvin, G., Jin, L., Yeung, A., Diaz, B., Zheng, M., Ryckman, D., "The Chemical Development of CHIR-258" Chimia 60:584-592, 2006.

Edfeldt, F.N.B.; Harwood, E.A.; Sigurdsson, S.Th.; Hopkins, P.B.; Reid, B.R. "Solution Structure of a Nitrous Acid Induced DNA Interstrand Cross-Link" Nuc. Acid. Res. 32:2785-2794, 2004.

Edfeldt, F.N.B.; Harwood, E.A.; Sigurdsson, S.Th.; Hopkins, P.B.; Reid, B.R. "Sequence Context Effect on the Structure of Nitrous Acid Induced DNA Interstrand Cross-Links" Nuc. Acid. Res. 32:2795-2801, 2004.

Kline, T.; Andersen, N.H.; Harwood, E.A.; Bowman, J.; Malada, A.; Endsley, S.; Erwin, A.L.; Doyle, M.; Fong, S.; Harris, A.L.; Mendelsohn, B.; Mdluli, K.; Raetz, C.R.H.; Stover, C.K.; Witte, P.R.; Yabannavar, A.; Zhu, S. "Potent, Novel In-Vitro Inhibitors of the Pseudomonas Aeruginosa Deacetylase LpxC" J. Med. Chem. 45:3112-3129, 2002.

Okonogi, T.M.; Alley, S.C.; Harwood, E.A.; Hopkins, P.B.; Robinson, B.H. "Phosphate Backbone Neutralization Increases Duplex DNA Flexibility: A Model for Protein Binding" *Proc. Nat. Acad. Sci.* 99:4156-4160, 2002.

Harwood, E.A.; Sigurdsson, S.Th.; Hopkins, P.B. "Chemical Synthesis of Cross-Link Lesions Found in Nitrous Acid Treated DNA: A General Method for the Preparation of N2-Substituted 2'-Deoxyguanosines" J. Org. Chem. 65:2959-2964, 2000.

Harwood, E.A.; Sigurdsson, S.Th.; Edfelt, N.B.F.; Reid, B.R.; Hopkins, P.B. "Chemical Synthesis and Preliminary Structural Characterization of a Nitrous Acid Interstrand Cross-Linked Duplex DNA" J. Am. Chem. Soc. 121:5081-5082, 1999.

Kim, C.U.; McGee, L.R.; Krawczyk, S.H.; Harwood, E.A.; Harada, Y.; Swaminathan, S.; Bischofberger, N.; Chen, M.S.; Cherrington, J.M.; Xiang, S.F.; Griffen, L.; Cundy, K.C.; Lee, A.; Yu, B.; Gulnik, S.; Erickson, J.W. "New Series of Potent, Orally Bioavailable, Non-Peptidic Cyclic Sulfones as HIV-1 Protease Inhibitors" J. Med. Chem. 39:3431-3434, 1996.

Casalnuovo, J.C.; Scott, R.W.; Harwood, E.A.; Schore, N.E. "First Example of Reversal of Normal Stereoselectivity in the Intramolecular Pauson-Khand Reaction" Tetrahedron Lett. 35:1153-1156, 1994.

PATENTS

Cai, S.; Chou, J.; Harwood, E.; Heise, C.; Machajewski, T.; Ryckman, D.; Shang, X.; Wiesmann, M.; Zhu, S. Inhibition of FGFR3 and Treatment of Mulitple Myeloma. U.S. Pub., No. US2005/261307.

Cai, S.; Chou, J.; Harwood, E.; Heise, C.; Machajewski, T.; Ryckman, D.; Shang, X.; Wiesmann, M.; Zhu, S. Preparation of Benzimidazole Quinolinones for Inhibiting FGFR3 and Treating Multiple Myeloma. PCT Pub. No., WO/2005/047244.

Cai, S.; Chou, J.; Harwood, E.; Ryckman, D.; Shang, X.; Zhu, S.; Machajewski, T. Process for Preparation of Benzimidazolylquinolones by Reaction of Aminobenzonitriles with Benzimidazolylacetates. PCT Pub. No., WO/2005/046590.

Cai, S.; Chou, J.; Harwood, E.; Machajewski, T.; Ryckman, D.; Shang, X.; Zhu, S. Preparation of Benzimidazole Quinolinones and Lactate Salts thereof for Inhibiting Vascular Endothelial Growth Factor Receptor Tyrosine Kinase. PCT Pub. No., WO/2005/046589.

Andersen, N.; Bowman, J.; Erwin, A.; Harwood, E.; Kline, T.; Mdluli, K.; Ng, S.; Pfister, K.; Shawar, R.; Wagman, A. Preparation of Amino Acid Derivatives as Antibacterial Agents. PCT Pub. No., WO/2004/062601.

Machajewski, T.; Hannah, A.; Harwood, E.; Haroldsen, P.; Heise, C.; Samara, E.; Shang, X.; Vora, J.; Zhu, S. Methods of Treating Cancer with a Methylpiperazinyl Benzimidazolyl Quinolinone and Related Methods. PCT Pub. No., WO/2004/043389.





EDUCATION

University of Colorado School of Law I.D. 1988

University of Washington Chemistry M.S. 1984

University of Washington Chemistry B.S. 1983

INDUSTRIES

Alternative Energy Chemistry Medical Devices Pharmaceuticals

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing Trade Secrets

BAR ADMISSIONS

Washington United States Patent and Trademark Office

COURT ADMISSIONS

U.S. Court of Appeals for the Federal Circuit U.S. Court of Appeals for the Ninth Circuit

Karl R. Hermanns

PARTNER

BACKGROUND

Karl R. Hermanns' practice is focused on pharmaceutical and biotechnology patent matters, with an emphasis on strategic management of patent portfolios, early stage company counseling, investment due diligence, and competitive patent analysis. He graduated with both a B.S. and an M.S. in Chemistry from the University of Washington, and received his J.D. from the University of Colorado School of Law.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2005-2024
- Listed in IP Stars (Managing Intellectual Property), 2013-2023
- Top Rated AV Preeminent[™] IP Lawyer, Martindale-Hubbell[®], 2002-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2016-2023
- Chambers USA, "Notable Practitioner," Intellectual Property: Patent (Washington), 2017-2023
- Selected to Washington Super Lawyers®, 2002-2021
- The Best Lawyers in America® Seattle Lawyer of the Year Patent Law, 2019
- The Best Lawyers in America® Seattle Lawyer of the Year Litigation/Patent, 2013
- Listed in Seattle Met's "Top Lawyers" issue, 2010
- Top 40 Washington IP Super Lawyers® 2006-2008
- Washington's Most Amazing Attorneys® 2006

EXPERIENCE

Karl is an Adjunct Professor at the University of Washington School of Law, teaching patent preparation and prosecution courses, and at the University of Washington Chemistry Department, teaching a course entitled "Intellectual Property for Scientists."

AFFILIATIONS

Karl is admitted to the Washington State Bar and the U.S. Court of Appeals for the Ninth and Federal Circuits, and is registered to practice before the U.S. Patent and Trademark Office. He is also a past president of the Intellectual Property Section of the Washington State Bar Association.





EDUCATION

Columbia Law School Harlan Fiske Stone Scholar J.D. 2000

Harvard University Biochemical Sciences B.A. (magna cum laude) 1997

INDUSTRIES

Alternative Energy Biotechnology Chemistry Medical Devices Pharmaceuticals

PRACTICES

IP Agreements & Licensing IP Litigation & Enforcement Mediation Patent Strategic Counseling Trade Secrets

BAR ADMISSIONS

New York Texas Washington United States Patent and Trademark Office

COURT ADMISSIONS

U.S. District Court for the Western District of Texas

Michelle M. LeCointe

PARTNER

BACKGROUND

Michelle LeCointe's practice centers on U.S. and international IP strategies and patent procurement as well as IP agreements for a broad array of technologies, with a focus on pharmaceuticals, biologics, medical devices, and rechargeable batteries. She also has substantial experience in corporate IP due diligence, U.S. and international post-grant contested proceedings, non-infringement and invalidity opinions, and patent litigation.

Michelle received a B.A. (magna cum laude) in Biochemical Sciences from Harvard University, in 1997. She received her J.D. from Columbia Law School, as a Harlan Fiske Stone Scholar, in 2000.

EXPERIENCE

Michelle enjoys working with clients on all aspects of IP law. She draws upon the breadth of her experience to provide clients with multiple options to fit their needs and to identify potential complications, with particular insight in areas that overlap with other legal fields.

Michelle's experience includes complex issues, such as protecting difficult and emerging technologies, managing high-value patent portfolios, drafting and negotiating platform license, joint venture, and research collaboration agreements, renegotiating agreements when business conditions have changed, conducting due diligence for substantial investments or IP purchases, providing valuation-oriented evaluations of the legal risks associated with a specific product, establishing freedom-to-operate, and conducting patentability analyses in crowded fields.

For all matters, Michelle truly gets to know her clients and their businesses and technologies and brings her twenty years' experience to bear to provide coordinated strategic advice and efficient results.

Before joining Seed IP, Michelle worked as an associate attorney and then as of counsel at Baker Botts in Austin, Texas. Prior to entering the legal field, Michelle conducted research in the Department of Immunology at Harvard Medical School, culminating in her thesis relating to the role of integrins in mucosal mast cell migration.

AFFILIATIONS

Michelle is admitted to the state bars of Washington, New York and Texas. She is registered to practice before the United States Patent and Trademark Office and the United States District Court for the Western District of Texas. Michelle is a member of the Washington State Patent Law Association (WSPLA), the Austin Intellectual Property Law Association, and Life Science Washington.

Michelle M. LeCointe

PARTNER



PUBLICATIONS

Co-Author - "Managing Innovation: Patent Basics for Biotechnology Counsel," Biotechnology and the Law, 2nd Ed., American Bar Association, 2019

Battery Industry Conference - National Alliance for Advanced Technology Batteries (NAATBatt) Conference, March 19-22, 2018 (San Antonio), Michelle presented on her experiences prosecuting, asserting, and licensing lithium iron phosphate battery patents invented by Dr. John Goodenough





EDUCATION

University of Washington J.D. 2000

University of Missouri-Columbia Molecular Biology Ph.D. 1996

Institute of Botany, Chinese Academy of Sciences Plant Physiology M.S. 1989

Lanzhou University (China) Cell Biology B.S. 1986

INDUSTRIES

Biotechnology Medical Devices Pharmaceuticals

PRACTICES

Patent Procurement Strategic Counseling IP Due Diligence

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Qing (Becky) Lin, Ph.D.

PARTNER

BACKGROUND

Becky helps biotechnology and pharmaceutical companies (including U.S., European and Chinese companies) obtain strategic patent protection for their technologies, minimize patent infringement risks, and facilitate their IP-related business transactions. She drafts and prosecutes patent applications related to various technologies, such as immunotherapeutics, proteins, genes, small molecules, pharmaceutical compositions, disease diagnosis and treatment, nucleic acid analysis, medical devices, and transgenic animals and plants. Becky also provides patentability, validity, freedom to operate, and non-infringement analyses and opinions in these areas.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2014-2024
- The Best Lawyers in America® Lawyer of the Year Award 2023
- Awarded with Lexology's Client Choice Award for Intellectual Property – Patents, 2017
- Selected to Washington Rising Stars®, 2004, 2006, 2019-2010

EXPERIENCE

Becky's technical background includes 15 years of research and study in biological sciences. She earned a B.S. in Cell Biology at Lanzhou University (China), an M.S. in Plant Physiology at the Institute of Botany, Chinese Academy of Sciences, and a Ph.D. in Molecular Biology at the University of Missouri-Columbia where she was awarded a Molecular Biology Fellowship. Becky also worked as a research scientist at the Institute of Oceanology, Chinese Academy of Sciences, and conducted post-doctoral research in plant signal transduction at the University of Missouri-Columbia. She received her J.D. with Honors at the University of Washington and was an editor for the University of Washington Law Review.

AFFILIATIONS

Becky is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. She is a member of the Washington State Bar Association, the American Bar Association, the Washington State Patent Law Association, and the Washington Biomedical and Biotechnology Association.

Qing (Becky) Lin, Ph.D.





SELECTED PUBLICATIONS

- Lin, Q. Extending Patent Protection: Strategies for Minimizing Patent Term Loss Due to Double Patenting. BNA's Patent, Trademark & Copyright Journal, 87 PTCJ 981, Feb. 28, 2014.
- Lin, Q. Be Sure to Include Method Claims in a Pharma Product App. Law360, July 24, 2013.
- Lin, Q. Enabling Medical Treatment Inventions Under the Evolving Enablement Requirement. Landslide (a publication of the ABA Section of Intellectual Property Law) 3: 22-27, March/April 2011.
- Lin, Q. An Important Ruling on Double Patenting. National Law Journal, December 13, 2010.
- Lin, Q. A proposed test for applying the doctrine of equivalents to biotechnology inventions: the nonobviousness test. Washington Law Review 74: 885-912, 1999.
- Lin, Q., E.S. Buckler IV, S.V. Muse and J.C. Walker. Molecular evolution of type one serine/threonine protein phosphatases. Journal of Molecular Phylogenetics and Evolution 12: 57-66, 1999.
- Lin, Q., J. Li, R.D. Smith and J.C. Walker. Molecular cloning and chromosomal mapping of type-1 serine/threonine protein phosphatases in Arabidopsis thaliana. Journal of Plant Molecular Biology 37: 471-481, 1998.
- Smith, R.D., Q. Lin, J. Cannon and J.C. Walker. Type-1 and type-2C protein phosphatases in higher plants. Advances in Protein Phosphatases 9: 105-120, 1995.
- Zheng, N., Q. Lin, B. Zhou, C. Nian, Q. Sun and X. Fun. Application of alginates in biotechnology. In the Proceeding of the Second Annual Symposium of Experimental Marine Biology Laboratory. pp. 60-71, 1991.
- Lin, Q., P. Zhou and Z. Zhang. Investigations on the photosynthetic characteristics during the light-induced transformation from amyloplasts to chloroplasts in potato tubers. *Journal of Graduate School (Academia Sinica)* 8: 78-85, 1991.
- Tao, G., D. Zhang, L. Hou, Q. Lin, X. Tan and P. Zhou. Some possibilities for application of biotechnology to selected characteristics of potato plants. In the Proceeding of China-Japan Symposium on Plant Biotechnology. pp. 97-100, 1988.





EDUCATION

Seattle University School of Law J.D. (summa cum laude) 2014

University of Puget Sound Biology B.S. 2006

INDUSTRIES

Biotechnology Pharmaceuticals

PRACTICES

Patent Strategic Counseling

BAR ADMISSIONS

Washington United States Patent and Trademark Office

COURT ADMISSIONS

U.S. District Court for the Western District of Washington

John A. Morgan

PARTNER

BACKGROUND

John Morgan's practice is focused on biotechnology patent prosecution, freedom-to-operate analysis, and due diligence. He has additional experience in the chemical and mechanical arts. He received his J.D. summa cum laude from Seattle University School of Law (2014) and his B.S. from the University of Puget Sound (2006). Prior to attending law school, John worked as a researcher at the Fred Hutchinson Cancer Research Center in Seattle, where he studied cell signaling and neural tissue patterning in the developing vertebrate brain. John's scientific experience also includes investigating cell growth genes in a fruit fly model.

HONORS AND AWARDS

- Listed in The Best Lawyers in America® Ones to Watch, 2022-2204
- Selected to Washington Rising Stars®, 2020-2023
- Seed IP Law Group Founder's Scholarship, 2014
- Highest Marks in Torts, Legal Writing, and Biotechnology Law, 2011-2014
- Washington State Bar Association Intellectual Property Law Scholarship, 2013

EXPERIENCE

Prior to joining Seed IP Law Group, John practiced intellectual property law with another Seattle-area firm, where he prosecuted patents in the biotechnology, medical device, and mechanical fields. He was also involved in a variety of litigation matters, including as a named author of an amicus curiae brief submitted to the U.S. Supreme Court on behalf of Biotechnology Industry Organization in Commil USA, LLC v. Cisco Systems, Inc. (2015).

During law school, John gained patent prosecution experience working at the University of Washington, at Seattle BioMed (now CIDR), and with a Seattle-area patent attorney. His background in academic research led him to coauthor a paper examining the impact of the America Invents Act (AIA) on non-profit global health research.

AFFILIATIONS

John is admitted to the Washington State Bar and is registered to practice before the United States Patent and Trademark Office and the United States District Court for the Western District of Washington. He is a member of the Washington Patent Law Association (WSPLA) and Life Science Washington (formerly Washington Biotechnology and Biomedical Association).

John A. Morgan

PARTNER



PUBLICATIONS

Walsh GS, Grant PK, Morgan JA, Moens CB. Planar polarity pathway and Nance-Horan syndrome-like 1b have essential cell-autonomous functions in neuronal migration. Development. 2011; 138:3033–3042.

Morgan, J. and Sandoval, V. "Pacific Northwest Perspective: The Impact of the America Invents Act on Nonprofit Global Health Organizations", 9 Wash. J. L. Tech. & Arts 177 (2014).





EDUCATION

University of Idaho J.D. 1985

University of Idaho Chemical Engineering B.S. (cum laude) 1982

INDUSTRIES

Alternative Energy
Chemistry
Consumer Products & Services
Semiconductors
Engineering
Industrial Design
Medical Devices
Nanotechnology
Telecommunications

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing Trade Secrets

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Jeffrey M. Sakoi

SENIOR PARTNER

BACKGROUND

Jeff's practice is focused on strategic intellectual property counseling, patent procurement and enforcement, licensing, and patent assertion management services to chemical, mechanical, and electro-mechanical companies. He provides these services across a broad range of multi-disciplinary industry sectors, including alternative energy, energy distribution, green technology, semiconductor, wired and wireless communication, transportation, chemical and medical device industries. He received a B.S. (cum laude) in Chemical Engineering (1982) from the University of Idaho and holds a J.D. (1985), also from the University of Idaho.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2007-2024
- Listed in IP Stars (Managing Intellectual Property), 2013-2023
- Top Rated AV Preeminent™ IP Lawyer, Martindale-Hubbell®, 1998-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2016-2023
- Selected to Washington Super Lawyers®, 2004-2019
- Washington's Most Amazing Attorneys® 2006

EXPERIENCE

Afterreceivinghis J.D., Jeffworked as a patent attorney at the Dow Chemical Company. He has since amassed over thirty years of experience as a patent attorney, drafting and prosecuting patent applications across a multitude of industries, counseling clients in strategic development of their domestic and international intellectual property portfolios, developing client IP programs and IP licensing strategies, and drafting and presenting non-infringement, invalidity and patentability opinions. Jeff has extensive experience working and living in Asia as a seconded patent counsel and as outside counsel.

AFFILIATIONS

Jeff is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a faculty member of the University of Washington School of Law where he teaches a course on patent application preparation and patent prosecution. Jeff also lectures each summer for CASRIP (Center for Advanced Study and Research on Intellectual Property) on advanced patent preparation and prosecution. He is registered to practice before the U.S. Patent and Trademark Office. Jeff has been a board member for the Washington State Patent Law Association and former President of the Asian Bar Association of Washington.





EDUCATION

University of Washington School of Law J.D. (with High Honors) 2014

Georgetown University Biology Ph.D. (with Distinction) 2005

University of South Florida Biology B.S. (summa cum laude) 2000

INDUSTRIES

Biotechnology Pharmaceuticals

PRACTICES

Patent

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Brooke L. Sargeant, Ph.D.

PARTNER

BACKGROUND

Brooke focuses her practice on U.S. and foreign biotechnology patent matters, including patent procurement, licensing, and strategic portfolio management. She received a B.S. summa cum laude in Biology from the University of South Florida (2000) and a Ph.D. in Biology from Georgetown University (2005). Brooke was awarded a J.D. with High Honors and Order of the Coif from University of Washington School of Law (2014).

HONORS AND AWARDS

- Listed in The Best Lawyers in America® Ones to Watch, 2022-2024
- Selected to Washington Rising Stars®, 2021-2023

EXPERIENCE

Brooke's experience includes the preparation, filing, and prosecution of patent applications, patent licensing, and strategic domestic/international portfolio management, as well as supporting patent litigation efforts.

Prior to joining Seed IP, Brooke was a post-doctoral researcher at Florida International University where she oversaw laboratory analysis as part of a large-scale, federally funded ecological monitoring and restoration project. She also served as a judicial extern with the Honorable Stephen J. Dwyer at the Washington State Court of Appeals, Division I.

AFFILIATIONS

Brooke is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. She is a member of the Washington State Patent Law Association (WSPLA) and Life Science Washington (formerly Washington Biotechnology and Biomedical Association).

Brooke L. Sargeant, Ph.D.

PARTNER



PUBLICATIONS

Sargeant, B.L., Gaiser, E.E., & Trexler, J.C. 2011. Indirect and direct controls of macroinvertebrates and small fish by abiotic factors and trophic interactions in the Florida Everglades. *Journal of Freshwater Biology* 56: 2334-2346.

Sargeant, B.L., Gaiser, E.E., & Trexler, J.C. 2010. Biotic and abiotic determinants of intermediate-consumer trophic diversity in the Florida Everglades. Marine and Freshwater Research 61: 11-22.





EDUCATION

Seattle University School of Law J.D. 2009

University of Washington Pathobiology Ph.D. 2004

Massachusetts Institute of Technology Biology B.S. 1994

INDUSTRIES

Biotechnology Medical Devices Pharmaceuticals

PRACTICES

Patent

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Eileen S. Sun, Ph.D.

PARTNER

BACKGROUND

Eileen specializes in U.S. and foreign biotechnology patent matters, including patent procurement, licensing, and strategic portfolio management. She received a B.S. in Biology in 1994 from Massachusetts Institute of Technology, and a Ph.D. in Pathobiology in 2004 from University of Washington. Eileen received her J.D. (cum laude) from the Seattle University School of Law in 2009.

EXPERIENCE

During her scientific career, Eileen worked in the fields of genomics and infectious disease. Eileen worked for several years at the Whitehead Institute for Biomedical Research, where she worked on positional cloning and characterization of the mouse pudgy mutation. Her graduate research focused on characterizing the sequence diversity of and immune response to a subfamily of Treponema pallidum subsp. pallidum proteins during syphilis infection in an animal model. Eileen has co-authored multiple scientific articles published in peer-reviewed journals and presented results at several conferences.

Prior to joining Seed IP Law Group, Eileen worked at several pharmaceutical companies, including Trubion Pharmaceuticals Inc. and Emergent Product Development Seattle, LLC. She prosecuted patent portfolios relating to antibody therapeutics for oncology and autoimmunity, managed patent application drafting and prosecution activities of outside counsel, coordinated patent prosecution strategy with collaboration partners, conducted landscape analyses, and assisted with IP due diligence exercises. Additionally, Eileen worked for five years at Rosetta Inpharmatics LLC, a wholly owned subsidiary of Merck & Co., Inc., as a patent agent, where she was involved in preparation and prosecution of patent applications for a variety of technologies, including gene splice variants, RNA amplification, gene expression profiling, mechanical devices, microRNAs, and biomarkers. She also managed patent application drafting and prosecution activities by outside counsel and assisted with patentability, non-infringement, invalidity, and freedom to operate analyses.

AFFILIATIONS

Eileen is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. She is a member of the Washington State Patent Law Association and Life Science Washington (formerly Washington Biotechnology and Biomedical Association).

Eileen S. Sun, PH.D.





PUBLICATIONS

Gray, R.R., Mulligan, C.J., Molini, B.J., Sun, E.S., Giacani, L., Godornes, C., Kitchen, A., Lukehart, S.A., Centurion-Lara, A. Molecular evolution of the tprC, D, 1, K, G, and J genes in the pathogenic genus Treponema. Mol. Biol. Evol. 23(11):2220-2233 (2006).

Centurion-Lara, A., Molini, B.J., Godornes, C., Sun, E., Hevner, K., Van Voorhis, W.C., Lukehart, S.A. Molecular differentiation of Treponema pallidum subspecies. J. Clin. Microbiol. 44(9):3377-3380 (2006).

Sun, E.S., Molini, B.M., Barrett, L.K., Centurion-Lara, A., Lukehart, S.A., Van Voorhis, W.C. Subfamily I Treponema pallidum repeat proteins: sequence variation and immunity. Microbes Infect. 6(8):725-737 (2004).

Giacani, L., Sun. E.S., Hevner, K., Molini, B.J., Van Voorhis, W.C., Lukehart, S.A., Centurion-Lara, A. Tpr homologs in Treponema paraluiscuniculi, Cuniculi A strain. Infect. Immun. 72(11):6561-6576 (2004).

Centurion-Lara, A., Sun, E.S., Barrett, L:K., Castro, C., Lukehart, S.A., Van Voorhis, W.C. Multiple alleles of Treponema pallidum repeat gene D in Treponema pallidum isolates. J. Bacteriol. 182(8):2332-2335 (2000).

Kusumi, K., Sun, E.S., Kerrebrock, A.W., Bronson, R.T., Chi, D.C., Bulotsky, M.S., Spencer, J.B., Birren, B.W., Frankel, W.N., and Lander, E.S. The mouse pudgy mutation disrupts Delta homologue DII3 and initiation of early somite boundaries. Nat. Genet. 19(3):274-278 (1998).





EDUCATION

S.J. Quinney College of Law – University of Utah J.D. 1999

University of Utah Biology B.S. 1996

INDUSTRIES

Alternative Energy Biotechnology Chemistry Medical Devices Pharmaceuticals

PRACTICES

Patent Trademark Strategic Counseling IP Agreements & Licensing

BAR ADMISSIONS

Utah Washington United States Patent and Trademark Office

Samuel E. Webb

PARTNER

BACKGROUND

Sam has expertise in U.S. and international patent matters pertaining to life science, chemical, and medical device technologies. Before joining Seed IP, Sam was a partner at Stoel Rives LLP (2006-2014) and served as senior intellectual property counsel at NPS Pharmaceuticals in Salt Lake City, Utah (2004-2006), as a patent attorney at Johnson & Johnson/ALZA Corp. in Mountain View, California (2001-2004), and as a patent agent and associate patent attorney at Task Britt in Salt Lake City (1998-2001).

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2015-2024
- Listed in IP Stars (Managing Intellectual Property), 2014-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2013, 2017-2023
- Selected to Washington Rising Stars®, 2008
- Listed in Intellectual Asset Management's IAM Patent 1000– The World's Leading Patent Practitioners, 2013

EXPERIENCE

As in-house and outside counsel, Sam has represented clients ranging from multi-national, publicly traded companies to emerging start-ups. He has developed global patent portfolios pertaining to business critical technologies at every stage of development, and his practice includes procurement of U.S. and international patents, patent portfolio management, analysis of patent infringement and validity, due diligence evaluations and support, and strategic counseling with respect to the patent-related aspects of product life cycle management. Beyond counseling clients in matters relating to patent procurement and analysis, Sam assists clients with the negotiation and drafting of license, technology development, and collaboration agreements.

AFFILIATIONS

Sam is admitted to practice in the states of Washington and Utah, and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA), American Intellectual Property Law Association (AIPLA), Intellectual Property Owners Association (IPO), and the Government Affairs Council of Life Science Washington (formerly Washington Biotechnology and Biomedical Association). From 2009-2013, Sam served as a part-time lecturer at University of Washington School of Law, where he taught "IP Appellate Advocacy."

Samuel E. Webb





PRESENTATIONS

"Patent and Non-Patent Exclusivities for Therapeutic Products and Medical Devices," Maximizing Patent and Regulatory Exclusivities Available to Pharmaceutical and Biologic Products, Washington Biotechnology & Biomedical Association, Seattle, Washington, 2012

Moderator, "Plant/Biomass Panel Discussion," 3rd Annual Next Generation Bio-Based Chemicals Summit, San Diego, California, 2012

"U.S. Biologics Price Competition & Innovation Act," Chartered Institute of Patent Attorneys Annual Life Sciences Conference, London, United Kingdom, 2011

"Medical Devices: U.S. & International Patent Considerations, Navigating the International Highways & Byways of Medical Technologies," University of Washington IP Seminar Series, Seattle, Washington, 2011

Panelist, "Exclusivity & Pre-Launch Litigation Under the BPCIA," The Center for Business Intelligence 6th Annual Summit on Biosimilars & Follow-on Biologics, Washington, D.C., 2011

"Patent & Non-Patent Exclusivities for Pharmaceutical and Biopharmaceutical Products," ACI Conference on Paragraph IV Disputes – West Coast Edition, San Francisco, California, 2010

Panelist, "The Pathway to Biosimilars," Washington Biotechnology & Biomedical Association Life Science Innovation Series, Seattle, Washington, 2010

"Biologics Price Competition & Innovation Act," The Center for Business Intelligence 5th Annual Summit on Biosimilars & Follow-on Biologics, Washington, D.C., 2010

"Pharmaceuticals and Biotechnology: PTO's 2010 Obviousness Guidelines," Chartered Institute of Patent Attorneys, London, United Kingdom, 2010

"Hatch-Waxman, Biosimilars & Product Exclusivity," University of Washington School of Pharmacy Conference on Biosimilars, Seattle, Washington, 2010

Panelist, "Opportunities and Challenges in Personalized Medicine," French-American Chamber of Commerce, Northwest Chapter, Biotech Series, Seattle, Washington, 2010

Presenter, "2009 U.S. Patent Practice Update," Danish Patent & Trademark Office, Copenhagen, Denmark, 2009

"The Race is On: Licensing in Cleantech" (co-presenter), Licensing Executive Society, Seattle, Washington, 2009

"Patentability & Patent Value in a Changing Patent System," Mountain West Chapter of The Association of Corporate Counsel, Salt Lake City, Utah, 2008

"What Every General Counsel Needs to Know About IP" (co-presenter), Washington Chapter of the Association of Corporate Counsel, Seattle, Washington, 2007





EDUCATION

Harvard Law School J.D. 2010

Massachusetts Institute of Technology Biology M.S. 2006

University of Utah Physics B.S. 2002

INDUSTRIES

Alternative Energy Biotechnology Chemistry Medical Devices Pharmaceuticals

PRACTICES

IP Agreements & Licensing IP Litigation & Enforcement Patent Strategic Counseling

BAR ADMISSIONS

Texas United States Patent and Trademark Office

Jessica S. Gritton

OF COUNSEL

BACKGROUND

Jessica is an experienced IP attorney with a broad technical background in both the physical and life sciences. She is experienced in all phases of patent portfolio management with particular expertise in the assessment of patent portfolio strengths and weaknesses, technology transactions, and patent disputes within the pharmaceutical industry. Jessica received an M.S. in Biology from Massachusetts Institute of Technology in 2006, and a B.S. in Physics from University of Utah in 2002. She received her J.D. from Harvard Law School in 2010.

EXPERIENCE

Prior to joining Seed IP, Jessica served as an attorney at two large law firms in Texas, were she assisted on IP matters with a special focus on life sciences and the pharmaceutical industry. She has significant experience with in intellectual property due diligence and technology transactions. Jessica is experienced in all areas of patent litigation, in particular Hatch-Waxman litigation. Her experience ranges from discovery through claim construction and trial in district courts, as well as in proceedings before the ITC, the Federal Circuit, and the Patent Trial and Appeal Board.

AFFILIATIONS

Jessica is admitted to the Texas State Bar, and is registered to practice before the United States Patent and Trademark Office. She is a member of the Washington State Patent Law Association (WSPLA) and Life Science Washington.

Jessica S. Gritton

OF COUNSEL



PUBLICATIONS

"Postmarketing Regulatory Requirements and Life Cycle Management," Ch 12 in Pre-ANDA Litigation 2d Ed., American Bar Association (2018)

"The Difficulty of Recovering Patent Damages to A Subsidiary," Law360.com (2014)

"Licensee Estoppel: Practical Considerations," Law360.com (2014)





EDUCATION

University of Hawai'i William S. Richardson School of Law J.D. 2009

Massachusetts Institute of Technology Chemistry M.S. 1996

California State University Chemistry B.S. 1994

INDUSTRIES

Pharmaceuticals Chemistry Nanotechnology Alternative Energy Biotechnology Medical Devices Semiconductors

PRACTICES

Patent Trade Secrets

BAR ADMISSIONS

Hawaii Virginia United States Patent and Trademark Office

Christopher D. Bayne

SENIOR ASSOCIATE

BACKGROUND

Christopher has over 13 years of experience as a patent professional representing clients primarily in pharmaceutical, biotechnology and material technology sectors. He focuses his practice on patent preparation and prosecution, global portfolio strategy and management, and providing legal opinions. In 1996, Chris received his M.S. in Chemistry from the Massachusetts Institute of Technology, where his research focused on the design and synthesis of self-complimentary molecules capable of molecular self-assembly. Chris also practiced as a business litigator in Honolulu, Hawaii, upon receiving his J.D. from the William S. Richardson School of Law, University of Hawai'i (Mānoa) in 2009. He received a B.S. in Chemistry from California State University in 1994. Chris served in the United States Navy as a nuclear propulsion plant operator aboard an Ohio-class submarine.

EXPERIENCE

Chris focuses primarily in the areas of pharmaceuticals and biotechnology, but he has broad patent experience in a variety of chemical and mechanical technological areas including, industrial chemical processes, material technologies (polymers, nanomaterials, light-emitting materials, mineral compositions, glass products, metal products), light-emitting devices, energy technologies (battery, fuel cell, petroleum additives, nuclear technologies), additive manufacturing (3D-printing), lubricant compositions, petrochemicals, cosmetics, pigments, toners, medical devices, semiconductors, imaging devices, and reactor technologies.

As a medicinal chemist in the biotech industry, Chris worked with early-stage discovery, optimization, and scaled-up production of small-molecule drugs in a variety of therapeutic areas including the treatment of pain, cardiovascular diseases, and bio-defense. He co-authored publications on synthetic-organic methodology, and is a co-inventor of patents directed to small-molecule therapeutics.

Before joining Seed IP, Chris worked as a patent attorney for 10 years at law firms in Alexandria, Virginia and Boston, Massachusetts.

AFFILIATIONS

Chris is admitted to practice in the states of Hawaii and Virginia, and is registered to practice before the United States Patent and Trademark Office. He is a member of the Washington State Patent Law Association(WSPLA), the American Intellectual Property Law Association (AIPLA), the American Chemical Society (ACS), and Life Science Washington.

Christopher D. Bayne

SENIOR ASSOCIATE



PRESENTATIONS

University of Washington Lecture - February 1, 2024: Lecture Title: "Types of Utility Patents & Obviousness" | Course Title: Chem 590B — "Intellectual Property (IP) for Scientists (and Others)." Class geared towards UW students and faculty.

University of Washington Lecture - February 22, 2024: Lecture Title: "101 Cannabinoids" | Course Title: Chem 590B — "Intellectual Property (IP) for Scientists (and Others)." Class geared towards UW students and faculty.





EDUCATION

University of Washington School of Law I.D. 2023

University of Washington Biochemistry B.S. 2012

INDUSTRIES

Biotechnology Pharmaceuticals

PRACTICES

Patent Strategic Counseling Trade Secrets

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Will de van der Schueren

ASSOCIATE

BACKGROUND

Will's practice focuses on patent prosecution, freedom-to-operate analysis, and due diligence in the life sciences sector. He earned a B.S. in Biochemistry from the University of Washington in 2012. Will received his J.D. from the University of Washington School of Law in 2023, with a Concentration Track in Intellectual Property.

EXPERIENCE

Will's experience includes preparing and prosecuting domestic and international patent applications, as well as conducting patentability, landscape, and freedom-to-operate searches. Will has extensive experience in the life sciences sector and has co-authored seven papers published in peer-reviewed journals.

Prior to joining Seed IP, Will worked for two years as an Associate Scientist at Bluebird Bio in Seattle, and for four years as a Research Technician at the Fred Hutchinson Cancer Research Center. He also spent over a year as an Undergraduate Research Assistant at the University of Washington. During law school, Will worked at Seed IP as a law clerk and was also a member of the University of Washington's Entrepreneurial Law Clinic.

AFFILIATIONS

Will is admitted to the Washington State Bar and is registered to practice before the United States Patent & Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA), Life Sciences British Columbia, and Life Science Washington (LSW).

Will de van der Schueren





SELECTED PUBLICATIONS

- (1) Sauer, M.M., Tortorici, M.A., Park, YJ. et al. Structural basis for broad coronavirus neutralization. Nat Struct Mol Biol 28, 478–486 (2021). doi.org/10.1038/s41594-021-00596-4
- (2) Marcandalli J, Fiala B, Ols S, et al. Induction of Potent Neutralizing Antibody Responses by a Designed Protein Nanoparticle Vaccine for Respiratory Syncytial Virus. Cell. 2019;176(6):1420-1431.e17. doi:10.1016/j. cell.2019.01.046
- (3) Correnti, C.E., Gewe, M.M., Mehlin, C. et al. Screening, large-scale production and structure-based classification of cystine-dense peptides. Nat Struct Mol Biol 25, 270–278 (2018). doi.org/10.1038/s41594-018-0033-9
- (4) Correnti, C.E., Laszlo, G.S., de van der Schueren, W.J. et al. Simultaneous multiple interaction T-cell engaging (SMITE) bispecific antibodies overcome bispecific T-cell engager (BiTE) resistance via CD28 co-stimulation. Leukemia 32, 1239–1243 (2018). doi.org/10.1038/s41375-018-0014-3
- (5) Peng T, Chanthaphavong RS, Sun S, et al. Keratinocytes produce IL-17c to protect peripheral nervous systems during human HSV-2 reactivation. J Exp Med. 2017;214(8):2315-2329. doi:10.1084/jem.20160581
- (6) Koh CY, Wetzel AB, de van der Schueren WJ, Hol WG. Comparison of histidine recognition in human and trypanosomatid histidyl-tRNA synthetases. Biochimie. 2014 Nov;106:111-20. doi: 10.1016/j.biochi.2014.08.005. Epub 2014 Aug 20. PMID: 25151410; PMCID: PMC4250371.
- (7) Koh CY, Kim JE, Wetzel AB, et al. Structures of Trypanosoma brucei methionyl-tRNA synthetase with urea-based inhibitors provide guidance for drug design against sleeping sickness. PLoS Negl Trop Dis. 2014;8(4):e2775. Published 2014 Apr 17. doi:10.1371/journal.pntd.0002775





EDUCATION

Seattle University School of Law J.D. (cum laude) 2016

Western Washington University Chemistry M.S. 2009

Western Washington University Chemistry B.S. 2007

INDUSTRIES

Biotechnology Chemistry Medical Devices Pharmaceuticals

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing IP Litigation & Enforcement

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Toby J. Ligon SENIOR ASSOCIATE

BACKGROUND

Toby specializes in patent prosecution of chemistry, biotechnology, and pharmaceutical matters. Toby received his B.S. (2007) and M.S. (2009) degrees, both in Chemistry, from Western Washington University. Toby received his J.D. cum laude from Seattle University School of Law in 2016, where he was honored with the Presidential Scholarship Award and the Washington State Bar Association Intellectual Property Scholarship Award, and made the Dean's List.

HONORS AND AWARDS

• Selected to Washington Rising Stars®, 2023

EXPERIENCE

Prior to attending law school, Toby worked at Amgen, the Institute for Systems Biology, and PhaseRx Pharmaceuticals, Inc. At Amgen, Toby provided analytical support for protein production and formulation. While at the Institute for Systems Biology, Toby designed, synthesized, and characterized protein modification reagents used to explore protein transcription via mass spectrometric studies. At PhaseRx, Toby synthesized custom monomers and amino acid reagents for proprietary targeting polymers. In addition, Toby has co-authored several research presentations and papers based on his research in synthetic organic chemistry at Western Washington University. Toby has also served as Senior Patent Counsel at Omeros Corporation.

AFFILIATIONS

Toby is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA).

Toby J. Ligon

SENIOR ASSOCIATE



PUBLICATIONS

Vyvyan, J. R.; Dell, J. A.; Ligon, T. J.; Motanic, K. K.; Wall, H. S.; "Suzuki-Miyaura cross-coupling of 3-pyridyl triflates with 1-alkenyl-2-pinacol boronates," Synthesis 2010.

Vyvyan, J.R.; Dell, J.A.; Ligon, T.J.; "Construction of the Cananodine Bicyclic Skeleton Using an Epoxide Cyclization" 239th ACS National Meeting, San Francisco, CA, March 21 – 25, 2010.

Vyvyan, J.R.; Ligon, T.J.; Motanic, K.K.; Wall, H.S.; "Suzuki-Miyaura Cross-Coupling of Pyridyl 3-Triflates with Alkenyl Boronates" 64th ACS Northwest Regional Meeting, Tacoma, WA, June 28 – July 1, 2009.

Vyvyan, J.R.; Ligon, T.J.; "Recent Progress Toward the Synthesis of Canadine" 64th ACS Northwest Regional Meeting, Tacoma, WA, June 28 – July 1, 2009.

Vyvyan, J.R.; Ligon, T.J.; Meyer, J.A.; Wall, H.S.; "Suzuki-Type Cross-Couplings of Substituted 3-Pyridyl Substrates" 235th ACS National Meeting, New Orleans, LA, April 6 – 10, 2008.





EDUCATION

University of Washington School of Law J.D. 2011

University of Washington Materials Science & Engineering/ Nanotechnology Ph.D. 2003

Northeastern University Organic Chemistry M.S. 1999

Jilin University Polymer Chemistry & Physics M.S. 1995

Sichuan University Polymer Chemistry B.S. 1992

INDUSTRIES

Alternative Energy Biotechnology Chemistry Semiconductors Medical Devices Nanotechnology Pharmaceuticals

PRACTICES

Patent Strategic Counseling Trade Secrets

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Shi (Michelle) Liu, Ph.D.

SENIOR ASSOCIATE

BACKGROUND

Michelle's practice is focused on patent procurement, licensing and strategic intellectual property portfolio management in electrical and chemical matters. Example areas of expertise include semiconductors, materials science, batteries, electronics, optoelectronics, medical devices, nanotechnology, polymers, organic chemistry, pharmaceuticals, and cosmetics. Michelle has successfully drafted and prosecuted numerous patent applications of U.S. and international patent matters for clients ranging from small startups to large international corporations. She received a B.S. in Polymer Chemistry from Sichuan University (1992), a M.S. in Polymer Chemistry and Physics from Jilin University (1995), a second M.S. in Organic Chemistry from Northeastern University (1999), and a Ph.D. in Materials Science & Engineering/ Nanotechnology from University of Washington (2003). Michelle holds a J.D. from University of Washington School of Law (2011).

EXPERIENCE

Michelle's background includes nearly a decade of experience as an associate at several IP boutique firms across the U.S., including Seattle, Garden City, NY, and Alexandria, VA. Prior to practicing law, Michelle worked as a researcher in both academic and industrial labs responsible for developing cutting-edge functional materials for organic light-emitting diodes and photovoltaics.

Michelle has written or co-written numerous publications that were published in peer-reviewed journals, and has presented at many science-based industry conferences. Michelle is fluent in Mandarin Chinese.

AFFILIATIONS

Michelle is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office.

Shi (Michelle) Liu, Ph.D.

SENIOR ASSOCIATE



SELECTED PUBLICATIONS

- A. K.-Y., Jen, M. S. Liu, Y.-H. Niu, "Crosslinkable Hole-Transporting Materials for Organic Light-Emitting Devices", US 8.343.6 36.
- M. S. Liu, Y.-H. Niu, J.-W. Ka, H.-L. Yip, J. D. Luo, T.-D. Kim, F. Huang, A. K.-Y. Jen, "Thermally Crosslinkable Hole-Transporting Materials for Improving Hole-Injection in Multilayer Blue-Emitting Phosphorescent Polymer Light-Emitting Diodes", Macromolecules 41, 9570 (2008).
- M. S. Liu, Y.-H. Niu, J. D. Luo, B. Q. Chen, T.-D. Kim, J. Bardecker, A. K.-Y. Jen, et al. "Material and Interface Engineering for Highly Efficient Polymer Light Emitting Diodes", J. Macromolecular Sci., Poly. Rev. 46, 7 (2006).
- M. S. Liu, Y.-H. Niu, J.-W. Ka, H.-L. Yip, B. Q. Chen, F. Huang, Y.-J. Cheng, T.-D. Kim, A. K.-Y. Jen, et al. "Highly Efficient Blue Electrophosphorescent Polymer Light-Emitting Diodes Using Multiple Hole Transporting Layers", Polymer Preprints 47(2), 1008 (2006).
- M. S. Liu, Y.-H. Niu, J.-W. Ka, H.-L. Yip, B. Q. Chen, F. Huang, Y.-J. Cheng, T.-D. Kim, A. K.-Y Jen, et al. "Development of Large Band Gap Host Materials for High-Energy Phosphorescent Emitters", PMSE Preprints 92, 566 (2005).
- M. S. Liu, J. D. Luo, A. K-Y. Jen, "Efficient Green Light-Emitting Diodes from Silole-Containing Copolymers", Chem. Mater. 15, 3496 (2003).
- M. S. Liu, X. Z. Jiang, P. Herguth, S. Liu, A. K.-Y. Jen, "Development of Efficient Electron-Transporting Polymers for Light-Emitting Diodes", Proc. SPIE 4800, 130 (2003).
- M. S. Liu, X. Z. Jiang, S. Liu, P. Herguth, A. K.-Y. Jen, "Effect of Cyano-Substituents on Electron Affinity and Electron-Transporting Properties of Conjugated Polymers", Macromolecules 35, 3532 (2002).
- M. S. Liu, X. Z. Jiang, P. Herguth, A. K-Y. Jen, "Highly Efficient Electron-Transporting Polymers for Light-Emitting Diodes", TOPS-Trends in Optics and Photonics Series, Vol. 64, "Organic Thin Films for Photonic Applications", 110 (2002).
- M. S. Liu, X. Z. Jiang, P. Herguth, A. K.-Y. Jen, "Synthesis and Characterization of Novel Conjugated Light-Emitting Polymers" Mater. Res. Soc. Proc. 725, 3 (2002)
- M. S. Liu, X. Z. Jiang, P. Herguth, A. K.-Y. Jen, "Efficient Cyano-Containing Electron-Transporting Polymers for Light-Emitting Diodes", Chem. Mater. 13, 3820 (2001).
- M. S. Liu, X. Z. Jiang, A. K.-Y. Jen, "Tuning of Redox Behavior and Fluorescence of Cyano-Containing Oligophenylenevinylenes", Mater. Res. Soc. Proc. 598, BB5, 53 (2000).
- M. S. Liu, Y. Liu, R. C. Urian, H. Ma, A. K.-Y. Jen, "Synthesis and Characterization of Polyquinolines for Light-emitting Diodes", J. Mater. Chem. 9, 2201 (1999).

CONFERENCE PRESENTATIONS

- M. S. Liu, "Highly Efficient Blue Electrophosphorescent Polymer Light-Emitting Diodes Using Multiple Hole Transporting Layers", 232th ACS National Meeting, San Francisco, CA, September 10-14, 2006.
- M. S. Liu, "Development of Thermally Crosslinkable Hole-Transporting Materials and Large Band-Gap Polymers for Organic Light-Emitting Diodes", 229th ACS National Meeting, San Diego, CA, March 13-17, 2005.
- M. S. Liu, "Development of Efficient Light-Emitting Polymers for Flat Panel Displays", The Puget Sound Chapter of ASM International Meeting, Seattle, Washington, March 11, 2003.
- M. S. Liu, "Development of Efficient Electron-Transporting Polymers for Light-Emitting Diodes", The International Society for Optical Engineering (SPIE) Conference, Seattle, Washington, July 7-July 24, 2002.
- M. S. Liu, "Highly Efficient Electron-Transporting Polymers for Light-Emitting Diodes", Optical Society of America (OSA) Conference, Long Beach, California, October 17-21, 2001.
- M. S. Liu, "Highly Efficient Cyano-Containing Electron-Transporting Polymers for Light-Emitting Diodes", ACS Northwest Regional Meeting (NORM), Seattle, Washington, June 14-July 17, 2001.





EDUCATION

The University Chemical Laboratory University of Cambridge, UK Biophysics Ph.D. 2007

St. Catharine's College University of Cambridge, UK Chemistry (first class) M.S. 2003

St. Catharine's College University of Cambridge, UK Chemistry (first class) B.S. 2002

INDUSTRIES

Biotechnology Medical Devices Pharmaceuticals

PRACTICES

Patent

BAR ADMISSIONS

United States Patent and Trademark Office

Anna L. Mallam, Ph.D.

PATENT AGENT

BACKGROUND

Anna's practice focuses on U.S. and foreign biotechnology and pharmaceutical patent matters including patent preparation and prosecution, as well as freedom-to-operate and patentability analyses. She received a Ph.D. (2007) in Biophysics from the University of Cambridge, UK. Anna also earned an M.S. (2003) in Chemistry(first class) and a B.S. (2002) in Chemistry (first class), both from the University of Cambridge, UK.

EXPERIENCE

Anna's experience includes preparing, filing, and prosecuting biotechnology, pharmaceutical, and medical device patent applications in technology areas such as biochemistry, immunology, and pharmacology, as well as performing patentability and freedom-to-operate analyses. She is an experienced science researcher in biochemistry, biophysics, molecular biology, and proteomics.

Before joining Seed IP, Anna served as a patent agent at a large multi-practice law firm in Austin, Texas for three years. Prior to that, she worked as a Research Associate in Systems Biology (5 years) and RNA Biology (2 years), and was an EMBO Research Fellow in Structural Biology (2 years)—all at The University of Texas, Austin. Anna also previously served as a Research Fellow in Biophysics at St. John's College, University of Cambridge (UK) for several years.

Anna has authored and co-authored over 20 peer-reviewed journal articles, and has been awarded research grants by the University of Cambridge, UK, and the European Molecular Biology Organization to discover and characterize new molecular machines.

AFFILIATIONS

Anna is registered to practice before the U.S. Patent and Trademark Office. She is a member of the Washington State Patent Law Association (WSPLA), the American Intellectual Property Law Association (AIPLA), and Life Science Washington.

Anna L. Mallum, Ph.D.





SELECT PUBLICATIONS

Systematic discovery of endogenous human ribonucleoprotein complexes. A. L. Mallam*, W. Sae-Lee, J. M. Schaub, F. Tu, A. Battenhouse, Y. J. Jang, J. Kim, I. J. Finkelstein, J. B. Wallingford, E. M. Marcotte, K. Drew* (* equal contribution). Cell Reports, 2019, 29, 1351-1368

Systems-wide studies uncover Commander, a multiprotein complex essential to human development. A. L. Mallam, E. M. Marcotte. Cell Systems, 2017, 4, 483-494

Molecular insights into RNA and DNA helicase evolution from the determinants of specificity for a DEAD-box RNA helicase. A. L. Mallam, D. J. Sidote, A. M. Lambowitz. eLife, 2015, 3, e04630

Structural basis for RNA-duplex recognition and unwinding the DEAD-box helicase Mss116p. A. L. Mallam, M. Del Campo, B. Gilman, D. J. Sidote, A. M. Lambowitz. Nature, 2012, 490, 121-125

Knot formation in proteins is spontaneous and accelerated by chaperonins. A. L. Mallam, S. E. Jackson. Nat. Chem. Biol., 2012, 8, 147-153

How does a knotted protein fold? A. L. Mallam. FEBS Journal, 2009, 276 (2), 365-375

Knotted fusion proteins reveal unexpected possibilities in protein folding. A. L. Mallam, S. C. Onuoha, J. G. Grossmann, S. E. Jackson. Mol. Cell, 2008, 30 (5), 642-48





EDUCATION

University of Washington Biology B.S. 2014

INDUSTRIES

Biotechnology Chemistry Medical Devices Pharmaceuticals Semiconductors

PRACTICES

Patent

BAR ADMISSIONS

United States Patent and Trademark Office

Tessa McClure

PATENT AGENT

BACKGROUND

Tessa focuses her practice on U.S. patent prosecution in the life sciences sector and electrical engineering. She earned a B.S. in Biology from the University of Washington in 2014.

EXPERIENCE

Tessa has nearly a decade of IP experience. She has experience in preparing and prosecuting patent applications relating to medical devices, pharmaceuticals, biotechnology, semiconductors, MEMS, and electronics.

AFFILIATIONS

Tessa is registered to practice before the United States Patent and Trademark Office.





EDUCATION

Temple University School of Medicine Microbiology and Immunology Ph.D. 2018

University of Maryland Cell Biology and Molecular Genetics B.S. 2007

INDUSTRIES

Biotechnology Pharmaceuticals

PRACTICES

Patent

BAR ADMISSIONS

United States Patent and Trademark Office

Janaki Purushe, Ph.D.

PATENT AGENT

BACKGROUND

Janaki focuses her practice on patent preparation and prosecution of biotechnology and pharmaceutical matters. She received her Ph.D. in Microbiology and Immunology from Temple University School of Medicine in 2018 and a B.S. in Cell Biology and Molecular Genetics from University of Maryland in 2007.

EXPERIENCE

Prior to joining Seed IP, Janaki's research focused on T cell biology and epigenetics with a special focus on cell-based immunotherapies. During her post-doctoral work she developed a series of functional assays to characterize CAR-T cell potency in clinical samples and utilized CUT&RUN to map chromatin landscapes in CAR-T immunotherapy products. During her doctoral training and time as a research assistant at the J. Craig Venter Institute, Janaki gained experience across a spectrum of scientific disciplines, including molecular biology, genomics, microbiology, and immunology.

Janaki has co-authored a large number of peer-reviewed articles that have published in variety of scientific journals.

AWARDS

- Lewis Katz School of Medicine Microbiology and Immunology Research Grant | Microbiology and Immunology Annual Symposium – December 15, 2017, Philadelphia, PA
- American Society of Hematology Abstract Achievement Award | American Society of Hematology (ASH) Annual Meeting
 December 3-6, 2016, San Diego, CA

AFFILIATIONS

Janaki is registered to practice before the United States Patent and Trademark Office. She is a member of the Washington State Patent Law Association (WSPLA) and Life Science Washington.

Janaki Purushe, Ph.D.





PUBLICATIONS

Gauthier J, Hirayama AV, Purushe J, Hay KA, Lymp J, Li D, Yeung C, Sheih A, Pender BS, Hawkins RM, Vakil A, Phi T, Steinmetz RN, Shadman M, Riddell SR, Maloney DJ, and Turtle CJ. "Feasibility and efficacy of CD19-targeted CAR-T cells with concurrent ibrutinib for CLL after ibrutinib failure." Blood. 2020. In revision.

He S, Liu Y, Meng L, Sun H, Wang Y, Ji Y, Purushe J, Chen P, Li C, Madzo J, Issa JP, Soboloff J, Reshef R, Moore B, Gattinoni, and Zhang Y. "The Phosphorylation State of Ezh2 Determines its Capacity to Maintain CD8+ Memory T Cells for Antitumor Immunity." Nat Commun. 2017;8(1):2125.

Purushe J and Zhang Y. "Histone Methyltransferases and T Cell Heterogeneity." Signaling Mechanisms Regulating T Cell Diversity and Function. Soboloff J. and Kappes DJ. ed. CRC Press, 203-230, 2017. Book chapter.

Purushe J, Sun H, He S, Zhang Y. "Transcriptional Regulation of T Cell Heterogeneity and Tumor Immunity. J Immunol Res Ther." 2016;1(1): 49-62. Review article.

Mochizuki K, Meng L, Mochizuki I, Tong Q, He S, Liu Y, Purushe J, Fung H, Zaidi MR, Zhang Y, Reshef R, Blazar BR, Yagita H, Mineishi S, Zhang Y. "Programming of donor T cells using allogeneic oʻlike ligand 4-positive dendritic cells to reduce GVHD in mice." Blood. 2016; 127(25):3270-80.

Meng L, Bai Z, He S, Mochizuki K, Liu Y, Purushe J, Sun H, Wang J, Yagita H, Mineishi S, Fung H, Yanik GA, Caricchio R, Fan X, Crisalli LM, Hexner EO, Reshef R, Zhang Y, Zhang Y. "The Notch Ligand DLL4 Defines a Capability of Human Dendritic Cells in Regulating Th1 and Th17 Differentiation." *J Immunol.* 2016; 96(3):1070-80.

Depew J, Zhou B, McCorrison JM, Wentworth DE, Purushe J, Koroleva G, Fouts DE. "Sequencing viral genomes from a single isolated plaque." Virol J. 2013; 10:181.

Fouts DE, Szpakowski S, Purushe J, Torralba M, Waterman RC, MacNeil MD, Alexander LJ, Nelson KE. "Next generation sequencing to define prokaryotic and fungal diversity in the bovine rumen." PLoS ONE. 2012; 7(11): e48289.

Ricaldi JN, Fouts DE, Selengut JD, Harkins DM, Patra KP, Moreno A, Lehmann JS, Purushe J, Sanka R, Torres M, Webster NJ, Vinetz JM, Matthias MA. "Whole genome analysis of Leptospira licerasiae provides insight into leptospiral evolution and pathogenicity." PLoS Negl Trop Dis. 2012; 6(10):e1853.

Purushe J, Fouts DE, Morrison M, White BA, Mackie RI; North American Consortium for Rumen Bacteria, Coutinho PM, Henrissat B, Nelson KE. "Comparative genome analysis of Prevotella ruminicola and Prevotella bryantii: insights into their environmental niche." Microb Ecol. 2010; 60(4):721-9.

PRESENTATIONS

Purushe J, Sun H, He S, Dou Y and Zhang Y. MLL Histone Methyltransferase Restrains Effector Differentiation and PD-1 Expression in Human CD8+ T Cells While Promoting Their Proliferation. The American Society of Hematology (ASH) Annual Meeting. Dec 3-6, 2016. San Diego, CA. Oral presentation.

Purushe J, Sun H, He S, and Zhang Y. MLL4-Menin Complex Inhibition Promotes the Generation of TCM-like CD8+ CAR-T cells. Microbiology and Immunology Annual Symposium. Dec 15, 2017. Philadelphia, PA. Oral presentation.

Purushe J, Sun H, He S, and Zhang Y. MLL Regulation of Differentiation in CD8+ T cells. The Fels Institute Research Symposium. Philadelphia, PA. May 20, 2016. Oral presentation.

Tasovski I, Purushe J and Chin MPS. A Targeted Transcriptomic Approach Reveals HIV-1 Associated Cellular Factors Modulated by Substances of Abuse. Conference on Retroviruses and Opportunistic Infections (CROI), Atlanta, GA, March 3-6 2013. Poster presentation.

The Electrical Engineering & Computer Science team selected for your project will collaborate with you to create

S

Electrical Engineering & Computer Science

strategic solutions that meet your needs and objectives. Throughout the process, your success is the driving force. Our electrical engineers & computer scientists are proven experts in a vast array of technological areas. They would enjoy applying their expertise to help you shape and protect your vision.



Electrical Engineering & Computer Science Team

PARTNERS

Timothy L. Boller
Karl A. Hefter
Blake K. Kumabe
Steven D. Lawrenz
Shoko I. Leek
Yiheng Li
Kevan L. Morgan
Brooke W. Quist
Jeffrey M. Sakoi
Bobby B. Soltani
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E. Russell Tarleton
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Jianping Zhang

OF COUNSEL

David C. Conlee Toshiko Takenaka

ASSOCIATES

Bilal H. Adra Hyun Ky (Nathan) Lee Yu-Chen (Vincent) Lee Shi (Michelle) Liu Carl L. Rustad Zachary M. Sakoi

PATENT AGENTS

Paul D. Bendemire Melina L. Costanza Tessa McClure Baha A. Obeidat Our Electrical Engineering & Computer Science team represents a diverse group of clients. Our clients range from one or two person startups to medium and large size nationally and internationally recognized companies. These companies cover a vast array of technology areas, including: wireless telecommunications platforms and technologies, optics/photonics, audio and video streaming, data mining, expert systems, circuit design, biomedical engineering, enterprise computing, computer systems and component hardware, cryptography, fuel cell technologies, biomedical support systems, Internetbased e-commerce technologies, among others. In conjunction with other members from Seed IP's Trademark and Litigation teams, we support our clients with patent, trademark, copyright, licensing, and litigation services. We work with all clients on an individualized basis to develop tailored intellectual property strategies that fit their business plans and company goals.

Electrical Engineering & Computer Science

REPRESENTATIVE CLIENTS*

Air Phaser Environmental Ltd., Vancouver, BC

Arterys, San Francisco, CA

Atigeo Corporation, Bellevue, WA Audi AG, Ingolstadt, Bavaria, Germany

Audion Laboratories, Inc., Bainbridge Island, WA

Axel Springer SE, Berlin, Germany

Ballard Power Systems Inc., Burnaby, BC Biocontrol Systems, Inc., Bellevue, WA

Brainspace Corporation, Addison, TX Breville USA, Inc., Torrance, CA

Bsquare Corporation, Bellevue, WA

Chinese University of Hong Kong, Hong Kong, PRC

Chyi Yuen Enterprises Co., Ltd., Guangdong, PRC

Claremont BioSolutions, Upland, CA

Clarimedix, Inc., Boulder, CO ConductiveBio, Santa Clara, CA Cognito Systems Inc., Vancouver, BC Crane Electronics, Inc., Redmond, WA

dbMEDx LLC. Littleton, CO

Delta-Q Technologies Corp., Burnaby, BC DesigNET International, Inc., Boston, MA Dharma Therapeutics, Inc., Seattle, WA DISH Network L.L.C., Englewood, CO. Dose Safety Inc., Redmond, WA

DynaComware Corporation, Taipei, Taiwan EchoStar Corporation L.L.C., Englewood, CO

Enercon GmbH, Aurich, Germany

Esterline Interface Technologies, Couer d'Alene, ID

Fluke Corporation, Everett, WA

Foundry Networks, Inc., Santa Clara, CA Foss Maritime Company, Seattle, WA G-LEC Europe GmbH, Oetigheim, Germany

GenPrime Inc., Spokane, WA

Greenlots/Zeco Systems Pte Ltd, San Francisco, CA

Hematologics, Inc., Seattle, WA IP Bridge, Inc., Tokyo, Japan Juni America, Inc., Bellevue, WA Kindred Systems Inc., Vancouver, BC

LaserMotive, Inc., Kent, WA

LG Display Co., Ltd., Seoul, South Korea

Livecare, Vancouver, BC

Lucent Medical Systems, Inc., Kirkland, WA

Magic Leap, Inc., Plantation, FL MakinaRocks Co., Ltd., Seoul, Korea MedRelief Inc., Bethesda, MD Merrimack Industries, Inc., West Caldwell, NJ Michelson Diagnostics Limited, Maidstone, GB

Micro Encoder Inc., Kirkland, WA
Midea Group Co., Ltd., Foshan, China
Mirabilis Medica, Inc., Bothell, WA
Mitutoyo Corporation, Kanagawa, Japan
MUSIC Tribe Global Brands Ltd., Philippines
Nanyang Technological University, Singapore

NGRAIN Corporation, Vancouver, BC

Northwest Aerospace Technologies, Inc., Everett, WA Nuance Communications, Inc., Burlington, MA

O.I. Corporation, Birmingham, AL Optimum Energy LLC, Seattle, WA

PACCAR Inc, Bellevue, WA

Panasonic Automotive Systems Co., Ltd., Kanagawa, Japan

Panasonic Connect Co., Ltd., Tokyo Japan Panasonic Holdings Corporation, Osaka, Japan PENTAX of America, Inc. (HOYA Group), Tokyo, Japan

Plenty of Fish, Vancouver, BC

The Pokémon Company, Bellevue, WA RealNetworks, Inc., Seattle, WA Realtime Robotics, Inc., Boston, MA

RootMetrics, Bellevue, WA Root Wireless, Inc., Bellevue, WA Saikou Optics, Inc., Orlando, FL

Scientific Games Corp./Bally Technologies, Inc., Las Vegas, NV

Shanahai Sansi Electr. Eng. Co., Ltd., Shanghai, PRC

Simply Measured, Inc., Seattle, WA

Signostics Inc., Bothell, WA

Sony Interactive Entertainment America LLC, San Mateo, CA

STMicroelectronics (U.S. and foreign locations)

Sun Patent Trust, New York, NY

Taiwan Semiconductor Mfg.Co., Ltd., Hsinchu, Taiwan

TEAC Co. Ltd., Tokyo, Japan

Toyo Electric Mfg. Co. Ltd., Tokyo, Japan

TruckTrax, LLC, Vancouver, WA
Tweddle Group, Clinton Township, MI
Upstream Health Systems, Bozeman, MT
UTStarcom Telecom Co., Ltd., Zheijiang, PRC

Valve Corporation, Bellevue, WA Verasonics, Inc., Redmond, WA Wacom Co., Ltd., Saitama, Japan WideOrbit Inc., San Francisco, CA Wireframe Holdings, LLC, Seattle, WA

Xevo Inc., Bellevue, WA

Zeco Systems Pte Ltd/Greenlots, San Francisco, CA

^{*} This list is not comprehensive





EDUCATION

Georgetown University Law Center I.D. 1994

University of Kansas Electrical Engineering B.S. 1986

INDUSTRIES

Alternative Energy
Consumer Products & Services
Electrical Engineering
Semiconductors
Medical Devices
Nanotechnology
Software & Internet
Telecommunications

PRACTICES

Patent Trademark Strategic Counseling IP Agreements & Licensing Trade Secrets IP Litigation & Enforcement

BAR ADMISSIONS

Washington United States Patent and Trademark Office

COURT ADMISSIONS

U.S. Court of Appeals for the Federal Circuit U.S. Court of Appeals for the Ninth Circuit

Timothy L. Boller

PARTNER

BACKGROUND

Tim Boller's practice is focused on electrical patent prosecution and intellectual property litigation. He graduated from the University of Kansas with a B.S. in Electrical Engineering (1986) and went on to receive a J.D. from Georgetown University Law Center (1994).

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2020-2024
- Rated as Distinguished[™] for 15+ Years, Martindale-Hubbell[®]

EXPERIENCE

After receiving his J.D., Tim was a judicial clerk to U.S. District Court Judge J. Thomas Marten and was a research attorney for the Kansas Court of Appeals. He has extensive research and legislative assistant experience, including a five year period with U.S. Representative Jim Slattery.

AFFILIATIONS

Tim is admitted to the Washington State Bar (1999), U.S. Court of Appeals for the 9th Circuit, and the U.S. Court of Appeals for the Federal Circuit. He is registered to practice before the U.S. Patent and Trademark Office. Tim is a member of the Washington State Patent Law Association and the Washington State Bar Association.





EDUCATION

Franklin Pierce Law Center J.D. (cum laude) 2010

University of Idaho Computer Engineering B.S. (magna cum laude) 2005

INDUSTRIES

Al, Machine Learning & Robotics Electrical Engineering Semiconductors Software & Internet Telecommunications

PRACTICES

Patent

BAR ADMISSIONS

Colorado Washington United States Patent and Trademark Office

Karl A. Hefter

PARTNER

BACKGROUND

Karl's practice is focused on U.S. patent prosecution of computer engineering and computer software matters. His expertise includes drafting and prosecuting utility and design patents in the United States. Karl has drafted and prosecuted patents in many different technical fields including distributed systems and cloud computing, audiovisual content distribution and set-top boxes, automobile head units, smart signs, video encoding, wireless power systems, social networks, online content management and delivery, image processing, noise reduction/cancellation, drone technology, networks, telecommunications, email systems, video games, and other software/hardware related technologies. He received a B.S. (magna cum laude) in Computer Engineering from University of Idaho (2005), and he was awarded a J.D. (cum laude) from Franklin Pierce Law Center (2010).

HONORS AND AWARDS

• Listed in The Best Lawyers in America® Ones to Watch, 2022-2023

EXPERIENCE

Prior to joining Seed IP, Karl worked as an associate at two other Seattle-area law firms. He has served as a guest lecturer at Washington State University in a senior-level engineering class related to intellectual property. Karl is a co-author of "No Respect for the Dead: Protecting Deceased Celebrity Personality Rights," as published by BNA's Patent, Trademark & Copyright Journal (September 2008).

AFFILIATIONS

Karl is admitted to the state bars of Washington and Colorado, and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA).





EDUCATION

Seattle University School of Law J.D. (magna cum laude) 2015

University of Washington Electrical Engineering M.S. 2009

University of Washington Electrical Engineering B.S. 2006

INDUSTRIES

Consumer Products & Services Electrical Engineering Semiconductors Software Telecommunications

PRACTICES

Patent

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Blake K. Kumabe

PARTNER

BACKGROUND

Blake's practice is focused on U.S. and foreign patent prosecution of electrical engineering and computer software matters. He received a M.S. (2009) and a B.S. (2006) in Electrical Engineering from the University of Washington. Blake was awarded a J.D. magna cum laude from Seattle University School of Law in 2015, where he served as Associate Editor for the Seattle University Law Review. Blake also received the National Order of Scribes Award for Excellence in Legal Writing and the CALI Award for Legal Writing.

HONORS AND AWARDS

- Listed in The Best Lawyers in America® Ones to Watch, 2022-2024
- Selected to Washington Rising Stars®, 2023

EXPERIENCE

Prior to joining Seed IP, Blake served as a patent examiner for the United States Patent and Trademark Office where he reviewed patent applications in the field of inter-process communications for computer systems and software development. Blake also has several years of industry experience working at several leading aerospace and telecommunication companies. During law school, Blake served as a Summer Associate at Seed IP and a legal research assistant at Seattle University.

AFFILIATIONS

Blake is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA).





EDUCATION

University of Illinois College of Law J.D. 1992

Engineering at Illinois Computer Science B.S., with highest honors, 1989

INDUSTRIES

AI, Machine Learning & Robotics Software & Internet

PRACTICES

Patent Strategic Counseling

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

COURT ADMISSIONS

U.S. Court of Appeals for the Federal Circuit U.S. District Court for the Western District of Washington

Steven D. Lawrenz

PARTNER

BACKGROUND

Steve Lawrenz works with his clients to develop highly-strategic patent portfolios in computer software, artificial intelligence, and Internet technologies, both in the US and abroad, with a special emphasis on avoiding subject matter eligibility issues. He evaluates third-party patent portfolios to counsel on avoiding patent infringement, and advises on the merits of acquiring particular patent assets. Additionally, Steve mines client patent portfolios to identify assets for licensing and enforcement, patent infringement counterclaims, and divestment. He is an authority on Patent Trial and Appeal Board procedures—particularly appeals from examiners' rejections—and is experienced at preparing and prosecuting design patent applications, both for user interface elements and physical articles.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2016-2024
- Top Rated AV Preeminent[™] IP Lawyer, Martindale-Hubbell[®], 2005-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2013-2023
- Selected to Washington Super Lawyers®, 2007-2009
- Selected to Washington Rising Stars®, 2003, 2005 and 2006

EXPERIENCE

Before law school, Steve worked as a software developer for IBM. After beginning his legal career at Seed IP, Steve helped to found Perkins Coie's patent procurement practice; while a partner at that firm, he served as Technology Committee chair.

AFFILIATIONS

Steve is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association. Steve is admitted to practice in the U.S. Court of Appeals for the Federal Circuit and the U.S. District Court for the Western District of Washington. He serves on the University of Illinois College of Law Seattle Alumni Chapter board.





EDUCATION

University of Washington Physics B.S. 1998

University of Washington School of Law J.D. 1997

Waseda University (Tokyo) Political Science and Economics B.A.1990

INDUSTRIES

Consumer Products & Services Semiconductors Engineering Medical Devices Software & Internet Telecommunications

PRACTICES

Patent Trademark Strategic Counseling IP Agreements & Licensing

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Shoko I. Leek

PARTNER

BACKGROUND

Shoko's practice focuses on preparing and prosecuting patent applications in electronics, telecommunications, optics, software, and mechanical engineering. She has extensive experience in counseling in general intellectual property matters, including patents and trademarks, developing strategic patent portfolios, conducting a due-diligence review of patent portfolios, preparing patent infringement and validity opinions, preparing patent assertion material, and intellectual property licensing negotiation and agreements. Shoko received a B.S. in Physics from the University of Washington in 1998 and her J.D. from the University of Washington School of Law in 1997.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2015-2024
- Recommended, IAM Patent 1000, Prosecution: Washington, 2016-2023
- Selected to Washington Super Lawyers®, 2016

EXPERIENCE

Shoko has extensive experience in drafting and prosecuting patent applications in electronics, telecommunications, optics, medical devices, software, and mechanical engineering fields, developing strategic patent portfolios, preparing patentability, non-infringement, invalidity, and due-diligence reports and opinions, preparing patent assertion material, negotiating and drafting intellectual property license agreements, and clearing and registering trademarks.

AFFILIATIONS

Shoko is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. She is a member of the American Bar Association, Washington State Patent Law Association, King County Bar Association, and American Intellectual Property Law Association.





EDUCATION

University of California, Davis School of Law J.D. (Order of the Coif) 2013

Carnegie Mellon University, School of Computer Science Knowledge Discovery and Data Mining M.S. 2004

Tsinghua University (Beijing) Computer Science and Technology B.Eng. 2001

INDUSTRIES

Al, Machine Learning & Robotics Software & Internet Telecommunications

PRACTICES

Patent IP Agreements & Licensing Strategic Counseling

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Yiheng Li

PARTNER

BACKGROUND

Yiheng focuses his practice on patent procurement, prosecution, licensing and strategic intellectual property portfolio management in software and other computer-related matters. He received a B.Eng. in Computer Science and Technology from Tsinghua University (2001) and a M.S. in Knowledge Discovery and Data Mining from Carnegie Mellon University, School of Computer Science (2004). He holds a J.D. from University of California, Davis School of Law (2013) where he received multiple Witkin Awards for Academic Excellence.

HONORS AND AWARDS

- Witkin Award for Academic Excellence in Contracts
- Witkin Award for Academic Excellence in Patent Law
- Witkin Award for Academic Excellence in Patent Prosecution and Practice
- Siebel Scholar Class of 2003

EXPERIENCE

Prior to joining Seed IP Law Group, Yiheng was an attorney at one of the largest IP boutiques and then at an international general practice firm. Yiheng counseled clients on various intellectual property matters, including patent prosecution strategies, technology landscape survey, freedom-to-operate and infringement analyses. He has drafted numerous utility patent applications relating to a broad range of technologies, including cloud computing, computer networks, machine learning, data mining, image processing, computer vision, light detection and ranging (LiDAR), unmanned aerial vehicle (UAV), virtual reality (VR) and augmented reality (AR), computer numerical control (CNC) machines, telecommunications, social networks, computer gaming, data storage, e-commerce and wearable electronics.

Yiheng's international experience includes coordinating various international patent application filings and advising on patent prosecution in the European Union, Japan, Canada, Australia, China, Singapore and Mexico. He has also prepared and prosecuted trademark and design patent applications.

Yiheng is fluent in Mandarin Chinese.

AFFILIATIONS

Yiheng is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association.





EDUCATION

University of Washington School of Law I.D. 1996

Utah State University Electrical Engineering B.S. (magna cum laude) 1993 (with Departmental Honors)

Utah State University Liberal Arts and Sciences B.A. 1993 (with University Honors)

INDUSTRIES

Al, ML & Robotics
Alternative Energy
Consumer Products & Services
Electrical Engineering
Semiconductors
Industrial Design
Medical Devices
Software & Internet
Telecommunications

PRACTICES

Patent Trademark Strategic Counseling IP Agreements & Licensing Trade Secrets

BAR ADMISSIONS

Washington United States Patent and Trademark Office

COURT ADMISSIONS

U.S. Court of Appeals for the Federal Circuit & Ninth Circuit U.S. District Court for the Eastern & Western Districts of Washington

Kevan L. Morgan

PARTNER

BACKGROUND

Kevan's practice is focused on U.S. and foreign patent prosecution of electrical engineering and computer software matters, including IP agreements and licensing, and strategic portfolio management. He received a B.S. (magna cum laude) in Electrical Engineering from the Utah State University (1993), and a B.A. in Liberal Arts and Sciences from Utah State University (1993), with minors in History and Portuguese. Kevan holds a J.D. from the University of Washington School of Law (1996).

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2013-2024
- The Best Lawyers in America® Lawyer of the Year Award 2023
- Selected to Washington Super Lawyers®, 2004-2005, 2010-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2012-2023
- Chambers USA, "Notable Practitioner," Intellectual Property: Patent (Washington), 2018-2023

EXPERIENCE

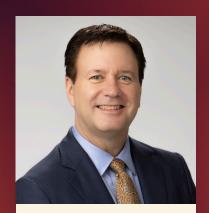
Kevan focuses his practice on patent prosecution and enforcement across a wide range of technologies, including electrical engineering, telecommunications, RFID, software, Internet, and medical instrumentation technologies. He provides complete guidance in obtaining and enforcing patents, trademarks and copyrights in the both the U.S. and abroad. Before joining Seed IP, Kevan served as a partner of another IP boutique law firm in the Seattle area, where he prosecuted patents for 20 years. Prior to this, he was an electrical engineer support technician at Space Dynamics Laboratory where he wrote data processing software for upper atmosphere research.

AFFILIATIONS

Kevan is admitted to practice in Washington State and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association, American Bar Association, the King County Bar Association, and the Washington Technology Industry Association (WTIA). He is admitted to practice before the United States Court of Appeals for the Federal Circuit, the United States Court of Appeals for the Ninth Circuit, the United States District Court for the Eastern District of Washington, and the United States District Court for the Western District of Washington.

Seedin





EDUCATION

University of Texas at Austin I.D. 1997

University of Southern California Mechanical Engineering B.S. 1992

INDUSTRIES

Al, Machine Learning & Robotics
Alternative Energy
Consumer Products & Services
Electrical Engineering
Semiconductors
Industrial Design
Mechanical Engineering
Medical Devices
Software & Internet
Telecommunications

PRACTICES

Patent Trademark Copyright Strategic Counseling IP Agreements & Licensing IP Litigation & Enforcement

BAR ADMISSIONS

California Washington United States Patent and Trademark Office

Brooke W. Quist

PARTNER

BACKGROUND

Brooke's practice focuses on strategic intellectual property counseling and portfolio development, patent procurement, due diligence investigations, enforcement, and licensing, as well as other transactional intellectual property matters. He counsels clients in various aspects of patent law, trademark law, copyright law, and related intellectual property matters. Brooke received his B.S. in Mechanical Engineering from University of Southern California in 1992. He received his J.D. from University of Texas at Austin in 1997.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2018-2024
- Selected to Washington Super Lawyers®, 2019-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2014-2015 & 2017-2023
- Listed in IAM Strategy 300: The World's Leading IP Strategists, 2019-22
- Who's Who Legal: Patents, 2016-2018
- The Legal 500 US Patent Prosecution, Recommended, 2015

EXPERIENCE

Brooke has substantial patent experience in computer software and software enabled devices, machine learning, artificial intelligence systems, augmented reality, virtual reality, e-commerce, cybersecurity, and block chain; electro-mechanical systems including electric vehicle charging systems, electrical load balancing, grid management, robotics, autonomous vehicles, and drone technology; 5G and other telecommunications technology, including smartphone technology and satellite systems; medical devices; material processing and structures, optical systems; film processing and post-processing technology; gaming technology, aerospace technology, and agricultural technology.

Before joining Seed IP, Brooke was a partner at a leading Washington, D.C. general practice firm, where he specialized in IP matters. Prior to practicing law, he was a senior engineer in the Northrop Corporation's Aircraft Division in Hawthorne, California. As a research and design engineer, Brooke concentrated on developing structural concepts and designs utilizing advanced materials, structures, and forming techniques for commercial and military applications. He also assisted in programming and implementing variation simulation analysis for computer-assisted aircraft production.

AFFILIATIONS

Brooke serves on the Executive Committee of the Washington State Bar Association IP Section. He is admitted to Washington and California's state bars and is registered to practice before the United States Patent & Trademark Office. Brooke is a member of the Washington State Patent Law Association (WSPLA) and the Washington Technology Industry Association (WTIA). He is also a member of the Seattle Executives Association and C3 Business Leaders.





EDUCATION

University of Idaho J.D. 1985

University of Idaho Chemical Engineering B.S. (cum laude) 1982

INDUSTRIES

Alternative Energy
Chemistry
Consumer Products & Services
Semiconductors
Engineering
Industrial Design
Medical Devices
Nanotechnology
Telecommunications

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing Trade Secrets

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Jeffrey M. Sakoi

SENIOR PARTNER

BACKGROUND

Jeff's practice is focused on strategic intellectual property counseling, patent procurement and enforcement, licensing, and patent assertion management services to chemical, mechanical, and electro-mechanical companies. He provides these services across a broad range of multi-disciplinary industry sectors, including alternative energy, energy distribution, green technology, semiconductor, wired and wireless communication, transportation, chemical and medical device industries. He received a B.S. (cum laude) in Chemical Engineering (1982) from the University of Idaho and holds a J.D. (1985), also from the University of Idaho.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2007-2024
- Listed in IP Stars (Managing Intellectual Property), 2013-2023
- Top Rated AV Preeminent™ IP Lawyer, Martindale-Hubbell®, 1998-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2016-2023
- Selected to Washington Super Lawyers®, 2004-2019
- Washington's Most Amazing Attorneys® 2006

EXPERIENCE

Afterreceivinghis J.D., Jeffworked as a patent attorney at the Dow Chemical Company. He has since amassed over thirty years of experience as a patent attorney, drafting and prosecuting patent applications across a multitude of industries, counseling clients in strategic development of their domestic and international intellectual property portfolios, developing client IP programs and IP licensing strategies, and drafting and presenting non-infringement, invalidity and patentability opinions. Jeff has extensive experience working and living in Asia as a seconded patent counsel and as outside counsel.

AFFILIATIONS

Jeff is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a faculty member of the University of Washington School of Law where he teaches a course on patent application preparation and patent prosecution. Jeff also lectures each summer for CASRIP (Center for Advanced Study and Research on Intellectual Property) on advanced patent preparation and prosecution. He is registered to practice before the U.S. Patent and Trademark Office. Jeff has been a board member for the Washington State Patent Law Association and former President of the Asian Bar Association of Washington.





EDUCATION

University of Oklahoma College of Law J.D. 2007

Oklahoma State University Electrical Engineering M.S. 2003

University of Oklahoma Electrical Engineering B.S. 2001

INDUSTRIES

Al, Machine Learning & Robotics
Alternative Energy
Consumer Products & Services
Electrical Engineering
Semiconductors
Industrial Design
Medical Devices
Software & Internet
Telecommunications

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing IP Litigation & Enforcement

BAR ADMISSIONS

Colorado Washington United States Patent and Trademark Office

Bobby B. Soltani

PARTNER

BACKGROUND

Bobby's practice is focused on U.S. and foreign patent prosecution of electrical engineering and computer software matters, as well as patent litigation, infringement opinions, licensing, and strategic portfolio management. He received a B.S. in Electrical Engineering from the University of Oklahoma (2001), and an M.S. in Electrical Engineering from Oklahoma State University (2003). Bobby holds a J.D. from the University of Oklahoma College of Law (2007).

HONORS AND AWARDS

• Selected to Washington Rising Stars®, 2014-2017

EXPERIENCE

Bobby has extensive experience preparing and prosecuting domestic and international patent applications in a variety of technologies relating to machine learning, artificial intelligence (AI), virtual reality (VR), robotics, autonomous vehicles, optics, consumer electronics, medical devices, and software applications. Prior to practicing law, Bobby was an electrical engineer at Seagate Technology and the Federal Aviation Administration.

AFFILIATIONS

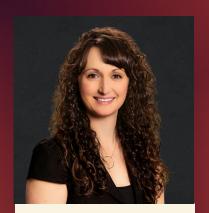
Bobby is admitted to practice in Washington (2010) and Colorado (2007), and is registered to practice before the U.S. Patent and Trademark Office. He is a board member for the Washington State Patent Law Association (WSPLA), and is also a member of American Intellectual Property Law Association (AIPLA) and the Institute of Electrical and Electronics Engineers (IEEE). Bobby also lectures on U.S. patent practice at the University of Washington's renowned Center for Advanced Study and Research on Innovation Policy (CASRIP).

PUBLICATIONS

Soltani, B., "Patent Claims in Foreign Jurisdictions: Maximizing Opportunities," published on SeedIP.com and SeedGROW™, June 26. 2023

Soltani, B., "Strategic Considerations for International Patent Filings: Exploring the PCT vs. Direct Filing Routes," published on SeedIP.com and SeedGROW $^{\text{\tiny{M}}}$, August 17, 2023





EDUCATION

Willamette University College of Law J.D. 2008

University of Florida Electrical Engineering B.S. 2004

INDUSTRIES

Consumer Products & Services Electrical Engineering Semiconductors Nanotechnology Telecommunications

PRACTICES

Patent Trademark Copyright

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Hayley J. Talbert

PARTNER

BACKGROUND

Hayley devotes her time to strategic intellectual property (IP) counseling for her clients with a focus on efficient and effective patent prosecution, licensing, and validity and infringement studies. With a background in electrical engineering and thirteen years of experience working in IP with a wide range of technologies, including the electrical, software, and mechanical arts, Hayley can confidently assist any company, both domestically and internationally, with their IP and patent strategy.

HONORS AND AWARDS

Listed in The Best Lawyers in America®, 2023-2024

EXPERIENCE

Hayley takes a hands-on and personal approach to her client's needs and makes time to truly understand their business, goals, and vision. She then works with her team to build a cohesive approach, enabling her to provide practical and specific legal insights designed to ensure her client's patent strategy is fully in sync with their business objectives. Whether a small technology incubator or a Fortune 100 company, Hayley can help plan an international strategy that protects products, provides licensing opportunities, and builds strategic patent portfolios.

She believes in the importance of the right team, internally and externally, to handle the evolving needs of her client portfolios. Hayley's significant team-building experience has fueled efficiency and effectiveness, providing great value to her clients. Her teams are customized to fully support each client's specific needs based on demand and technological areas and have also supported clients in expanded technologies beyond the electrical and mechanical arts.

Hayley's team of diverse attorneys, agents, and staff prepare and prosecute a broad array of applications which include, for example; MEMS sensors, cloud-based data processing for MEMS and other sensor data, memory structures, flexible displays, thin film flexible amorphous metal transistors, machine learning in processor architecture, artificial intelligence (AI) for sensor data and memory utilization, fuel-cell systems, hemp-based plastics, and weatherproof paper products.

She is also exceptionally proficient in Anaqua and client database management, and values the contribution her teams make to her clients' internal efficiencies by effectively integrating Seed IP into their Anaqua or database flow. Hayley routinely works with her clients to improve flow and the exchange of information to and from Anaqua to streamline the exchange between Seed IP and in-house teams.

Hayley J. Talbert





Hayley particularly enjoys helping clients develop portfolio-wide strategies that incorporate advancing technology to achieve efficiencies and improve quality. She has worked with clients to create prior art searching strategies to improve patent drafting in light of known prior art, and to reduce patent prosecution costs. She has helped clients create notice of allowance review programs to identify options for continuation and divisional application strategies. Many of these programs have incorporated internal, third party or legal service organizations that utilize Al or other emerging technologies to cost-effectively add to portfolio quality and management.

SPEAKING ENGAGEMENTS / PRESENTATIONS

- Presentation "Tips and Tricks for Patent Portfolio Management," February 15, 2024. Presented by AIPLA's Patent Agents Committee meeting.
- Webinar "The Costly Impact of Maintaining Non-Strategic Patents," June 6, 2023. Co-presented by IAM (Intellectual Asset Management) and LEXOLOGY. Hayley co-presented with Rocky Adornato, VP IP Licensing, Faurecia; and Bineet Bhasin, Vice President, IP Strategy and Technology, UnitedLex.
- Networking Event AIPLA Women in IP Law 2023 Global Networking Event: "Own Your Voice!", April 17, 2023. Hosted by Hayley at the Seed IP Law Group office.
- Webinar "Law Practice Management, Client Intake and Conflict Procedures," November 16, 2022. Presented by AIPLA's Law Practice Management & Patent Agents Committee, led by the speakers Hayley Talbert (Seed IP) and Michael McCabe (McCabe & Ali LLP).
- Conference SERENDIPITY Fundraising Bootcamp, April 23, 2021 (Virtual) | Hayley spoke about how patent and trademark protection may impact funding and early-stage investor perspectives, in a presentation entitled, "When and how to protect IP before, during and after the fundraising process."
- Presentation Leadership Launch, March 7, 2021 (Virtual) | Hayley spoke with students about career opportunities in law firms and introduced them to intellectual property.
- Presentation Pathway Programs, February 3, 2021 (Virtual) | Hayley spoke to a group of young men at the 3H Youth Ranch, discussing how patents, trademarks, and copyrights are in their day to day lives.
- Conference SERENDIPITY Virtual Summit, September 14-18, 2020 (Seattle) | "Ask Me Anything with Patent Attorney Hayley Talbert" | Hayley hosted a conversation about how and when to pursue intellectual property with members of The Guild, a leading global community of female entrepreneurs and leaders.
- Webinar (Marcus Evans Online Events) August 2020 | "Supporting Team Mental Health and Well-Being during the New Normal and Post COVID-19"
- Conference "The Women, Diversity & Change Summit," November 14, 2019 (Seattle) | Hayley co-hosted "Self-Advocacy and Promotion" roundtable.
- IP Industry Conference AIPLA 2019 Spring Meeting, May 15-17, 2019 (Philadelphia) | Hayley presented "Strategically Drafting Specifications with Everything in Mind" as part of Concurrent Track 1 (Patent Prosecution): "Adventures in Patent Drafting: Making Your Crystal Ball Work For You."

AFFILIATIONS

Hayley is co-chair of Seed IP's Electrical Engineering and Computer Science group, where she regularly meets with her team members to evaluate scope of work, areas for expanded experience, and career growth. She regularly speaks with students (from middle school through college) about how IP integrates with their lives and about how job opportunities in a variety of science and technology fields are available to them.

Hayley is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. Hayley is a member of the American Intellectual Property Law Association (AIPLA). She is an active participant in the Membership Committee, serving as the chair of the sub-committee directed to Law School Link.





EDUCATION

University of Utah J.D. 1986

University of Washington Electrical Engineering M.S. 1998

Utah State University Aeronautics B.S. 1982

INDUSTRIES

Consumer Products & Services
Electrical Engineering
Semiconductors
Medical Devices
Nanotechnology
Software & Internet
Telecommunications

PRACTICES

Patent
Trademark
Copyright
Strategic Counseling
IP Agreements & Licensing
Trade Secrets
IP Litigation & Enforcement

BAR ADMISSIONS

Utah Washington United States Patent and Trademark Office

E. Russell Tarleton

SENIOR PARTNER

BACKGROUND

Russ Tarleton has assisted clients in the procurement and enforcement of patents, trademarks, and copyrights for over 35 years. Before attending law school, Russ worked as a court reporter in federal and state court and as a technician with National Semiconductor maintaining microchip manufacturing equipment.

Russ received a B.S. in Aeronautics (cum laude) from Utah State University (1982) and was awarded his J.D. by the University of Utah (1986). Russ received his Master's Degree in Electrical Engineering from the University of Washington (1998).

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2018-2024
- The Best Lawyers in America® Lawyer of the Year Trademark Law, 2021
- Awarded with Lexology's Client Choice Award for Intellectual Property Trademarks Washington, 2015

EXPERIENCE

Russ focuses his patent prosecution on the electrical and electro-mechanical arts. In his litigation practice, Russ has tried cases in the U.S. District Courts around the country, and he has handled appeals before the Fifth, Ninth, Tenth, and Federal Circuit Courts of Appeal, as well as participated in over 135 Trademark Trial and Appeal Board (TTAB) proceedings.

Russ has been selected to The Best Lawyers in America® each year sonce 2018. Additionally, in 2021, Russ was honored with The Best Lawyers in America® Lawyer of the Year Award for Trademark Law in Washington. He has also received the Client Choice Award 2015 for Intellectual Property – Trademarks for the state of Washington. Established in 2005, Client Choice recognizes those law firms and partners worldwide for excellent client care and quality of their service. The criteria for this recognition focuses on an ability to add real value to clients' business above and beyond the other players in the market.

AFFILIATIONS

Russ is a member of the Utah State Bar (1992), the Washington State Bar (1987), and is registered to practice before the U.S. Patent and Trademark Office. His professional memberships include the American Bar Association, the American Intellectual Property Law Association, and the Washington State Patent Law Association.

Russ contributes to his community through volunteer work, including Habitat for Humanity (Cambodia in 2010), and teaching at Cambodian Children's Fund facilities in Phnom Penh (2011).

E. Russell Tarleton

SENIOR PARTNER



PUBLICATIONS

Tarleton, E., Ashton, J., Trademark Predators – Can They Really Prey On The Public?, Law360, December 18, 2017.

Tarleton, E., Ashton, J., A Call To Arms: The Trademark Battle For 'Triggerpoint' Law360, March 17, 2017.





EDUCATION

Seton Hall University School of Law J.D. 2007

Stevens Institute of Technology Howe School of Technology Management M.T.M. 2001

Monmouth University School of Science M.S.E.E. 1995

Rutgers University College of Engineering B.S.E.E. 1990

INDUSTRIES

Alternative Energy Electrical Engineering Semiconductors Medical Devices Software & Internet Telecommunications

PRACTICES

Patent

BAR ADMISSIONS

New Jersey New York United States Patent and Trademark Office

John Wakeley

PARTNER

BACKGROUND

John's practice is focused on patent prosecution in the electrical and mechanical arts. He received an M.T.M. in Technology Management from Stevens Institute of Technology (2001), an M.S. in Electrical Engineering from the Monmouth University (1995), and a B.S. in Electrical Engineering from Rutgers University (1990). John earned his J.D. from Seton Hall University (2007).

EXPERIENCE

Prior to joining Seed IP, John served as an associate at an IP firm in New York City for six years, where his patent prosecution work was focused on a wide range of technologies, including computer hardware and software, network communications protocols, medical devices, data encryption, integrated circuit manufacturing, optical systems, image processing devices, hydraulic pumps, and electric motors. Prior to his work as an associate, John worked for one year as a patent agent at a Newark, NI firm and served as a technical advisor at different New York City law firm for four years. During this time, John reviewed invention disclosures and drafted patent applications in technology fields including analog and digital circuits, electromagnetic sensors, web-based business applications, electronic control systems, and hydraulic systems. John also prepared patent prosecution correspondence with the U.S. Patent and Trademark Office, and drafted patent infringement and validity opinions. Prior to law school, John worked as an electronics engineer for over ten years.

AFFILIATIONS

John is admitted to the New Jersey and New York state bars and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Institute of Electrical and Electronics Engineers, Inc., the Washington State Patent Law Association, the American Intellectual Property Law Association, and the American Bar Association.





EDUCATION

Albany Law School J.D. 2005

University at Albany Criminal Justice M.A. 2002

China University of Political Science and Law Beijing, China L.L.M. (3 year program) 1999

Beijing Institute of Technology Beijing, China Electrical Engineering B.S. 1992

INDUSTRIES

Al, Machine Learning & Robotics Alternative Energy Consumer Products & Services Electrical Engineering Semiconductors Nanotechnology Software & Internet Telecommunications

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing IP Litigation & Enforcement

BAR ADMISSIONS

New York Washington United States Patent and Trademark Office

Jianping Zhang

PARTNER

BACKGROUND

Recognized in both the US and China as a patent attorney, Jianping assists clients on all aspects of worldwide patent portfolio development and monetization, including drafting and prosecuting patents and preparing opinions on patent infringement and validity. Jianping's practice focuses on EE/CS arts, including IOT, sensors, digital/analog circuitry, data/signal processing, artificial intelligence, database structure, data security/authentication, RF, semiconductors, software and electrical devices. In 1992, Jianping earned a B.S. in Electrical Engineering from Beijing Institute of Technology (Beijing, China). He received an L.L.M. from China University of Political Science and Law (Beijing, China) in 1999. Jianping received an M.A. in in Criminal Justice from University at Albany (Albany, NY) in 2002. He then received his J.D. (cum laude) from Albany Law School (Albany, NY) in 2005.

EXPERIENCE

Prior to joining Seed IP Law Group, Jianping was an attorney at another boutique IP firm in the Seattle area. Just prior to that, he served as Lead IP Counsel with STMicroelectronics in Dallas, TX and Shanghai, China, where he managed patent portfolio development programs in the U.S. and Asia Pacific, including China, Japan, Singapore and India. Prior to his tenure at STMicroelectronics, Jianping was a patent attorney with an IP boutique law firm in upstate New York. Jianping is fluent in Mandarin Chinese.

AFFILIATIONS

Jianping is admitted to practice in Washington (2021) and New York (2006), and is registered to practice before the U.S. Patent and Trademark Office. He is also qualified to practice in the People's Republic of China (1998) and at China SIPO Patent (2011). Jianping is a member of the Washington State Patent Law Association (WSPLA).





EDUCATION

J. Reuben Clark Law School Brigham Young University J.D. 2010

University of Utah Electrical Engineering M.E. 2007

Brigham Young University Physics B.S. 2005

INDUSTRIES

Alternative Energy Electrical Engineering Semiconductors Nanotechnology Telecommunications

PRACTICES

Patent

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

David C. Conlee

OF COUNSEL

BACKGROUND

David's practice is focused on foreign and domestic patent prosecution as well as infringement and invalidity studies. Hereceived a B.S. in Physics (with an emphasis in Nanotechnology) and a minor in Mathematics from Brigham Young University in 2005. David also received an M.E. in Electrical Engineering (with an emphasis in Integrated Circuit Design and Fabrication) from the University of Utah in 2007. He was awarded his J.D. from the J. Reuben Clark Law School of Brigham Young University in 2010.

EXPERIENCE

David's experience includes designing and fabricating digital and analog integrated circuits and MEMS devices at the University of Utah. He has also performed research in the fabrication and applications of carbon nanotubes.

David previously served as an associate at Seed IP for several years and, more recently, spent five years operating a solo patent law practice focusing on patent preparation.

AFFILIATIONS

David is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association.





EDUCATION

Seikei University-Tokyo LL.B. 1981

University of Washington School of Law Comparative Law Ph.D. 1992

University of Washington School of Law Comparative Law LL.M. 1990

INDUSTRIES

Consumer Products & Services Electrical Engineering Semiconductors Industrial Design Mechanical Engineering Medical Devices Software & Internet

PRACTICES

Patent Trademark Strategic Counseling IP Litigation & Enforcement

BAR ADMISSIONS

New York

Toshiko Takenaka, Ph.D.

OF COUNSEL

BACKGROUND

Toshiko Takenaka's practice is focused on domestic and foreign intellectual property matters. She counsels clients in various aspects of patent law and trademark law, litigation and intellectual property matters. Toshiko received her LL.B. from Seikei University-Tokyo in 1981. She received her LL.M. in 1990 and Ph.D. in Comparative Law in 1992 from University of Washington School of Law.

HONORS AND AWARDS

- Washington Research Foundation Professor of Technology Law
- Nomination for Annelise Merier Research Award

EXPERIENCE

Toshiko is a Washington Research Foundation/W. Hunter Simpson Professor of Technology Law. She has served as the Director of Center for Advanced Study and Research on Intellectual Property (CASRIP) at the University of Washington School of Law between 2003 and 2015. She teaches Patent Law, Advanced Patent Law, Advanced Trademark Law, Intellectual Property Enforcement Tutorial and Transnational IP Law Theory and Practice.

After receiving a Bachelor of Law degree from Seikei University, Tokyo, Toshiko pursued a successful career in patent prosecution and management with Texas Instruments Japan Ltd., where she served as a patent prosecution specialist. In 1986, she passed the Japanese Patent Attorney (Benrishi) Bar and worked as an associate for the Yamasaki Law and Patent Office. Toshiko was a visiting scholar with the Max Planck Institute for Domestic and International Intellectual Property in Munich, Germany, and a visiting professor at Waseda University in Tokyo, Japan.

Toshiko has extensively published in the field of comparative patent law and is a frequent speaker for academic and professional seminars focusing on patent law. She is on the board of editors for Journal of Intellectual Property Law and Practice and a member of Intellectual Property Committee within Japan's Ministry of Economy, Trade and Industry' Industrial Structural Council.

AFFILIATIONS

Toshiko is admitted to the New York State Bar. She is a member of the American Intellectual Property Law Association (AIPLA).

Toshiko Takenaka, Ph.D.

OF COUNSEL



SELECTED BOOKS

Patent Enforcement in the U.S., Germany and Japan: Comparative Law and Best Practice (co-autored with Christoph Rademacher, Jan Krauss, Christof Karl, Tilman Mueller-Stoy and Jochen Pagenber, Oxfored University Press, December 2015)

Legal Innovations in Asia: Judicial Law Making and Influence of Comparative Law (John Haley &Toshiko Takenaka ed., Edward Elgar Publishing 2014) 392 pages

Intellectual Property Systems in Civil Law and Common Law (Toshiko Takenaka ed., Edward Elgar Publishing 2013) 464 pages

Global Issues in Patent Law (co-autherd with Martin Adelman, Amy Landers and Schubha Ghosh) (2011)

Patent Law & Theory: A Handbook of Comtemporaty Research (Toshiko Takenaka, ed, Edward Elgar Publishing 2009) 790 pages

Interpreting Patent Claims: The United States, Germany and Japan, 17 IIC Studies (1995)

SELECTED PUBLICATIONS

Life Science Research and Patents in Japan: A Comparative Study of Life Science Invention Patentability between the Japanese and U.S. Patent Acts, Duncan Matthew & Herbert Zech ed, Research Handbook on Intellectual Proeperty and the Life Sciences (Edgar Elgar, forthcoming 2017 Winter)

Japan's Pharmaceutical Industry and Patent and Non-Patent Incentives for Pharmaceutical R&D, Gabriella Muscolo & Giovanni Putruzzella, The Pharmacetucial Sector between Patent and Competition Law: An International Perspective (Wolters Kluwer, forthcoming 2017 Summer)

Human Rights and Intellectual Property in the United States: The Role of US Courts in Striking a Fine Balance between Competing Policies (co-authored with Linda Falcon) (Christophe Geiger ed, Research Handbook on Human Rights and Intellectual Property 253 (2014)

A Change of Leadership in Patent Policy and Law Developments? The Active Role Played by Japanese Courts in Japan's Patent Term Extension, John Haley & Toshiko Takenaka ed, Legal Innovations in Asia: Judicial Law Making and Influence of Comparative Law, 293 (2014)

ACADEMIC PRESENTATIONS/SPEECHES

Moderator, Competing Roles of Patent Offices and Courts for IP Policy and Law Making, Asia Pacific IP Forum "East Meets West", UW School of Law, Feb. 18, 2016

Speaker, The Best Practice for IP Judiciary: Lessons from the Federal Circuit Experiences, 17th EIPIN Congress, CEIPI, University of Strasbourg, Jan. 28-30, 2016

Moderator and Speaker, Recent Developments on Patenting Medical Methods and DNA Inventions, Tokyo Medical Dental University, Tokyo, Dec. 19, 2015

Speaker, Recent U.S. Legilative and Case Law Developments, Japan Intellectual Property Association, Special Seminar, Osaka and Tokyo, Dec. 15 and 18,2016

Speaker, Global Legal Education at US Law Schools and UW Law, International Seminar on Global Legal Education, Asian Law Center, UW School of Law, Dec. 11, 2015

Speaker, Life Science and Patent in Japan, International Conference: IP and the Life Sciences hosted by University of Basel, Switzerland, Nov. 13-14, 2015

Speaker, Japan's IP High Court as a Best Practice for IP Specialized Courts: Lessons from U.S. & Japanese Experiences at a seminar on Uniform Patent and Unified Patent Court, The Czech Republic Industrial Property Office, June 26, 2015

Keynote Speaker, Determination of Patent Protection Scope under U.S. and German Patent Acts, 2015 Dusseldorf Patentrechtstage Conference, Dusseldorf University Law Faculty, March 19 & 20, 2015





EDUCATION

University of Illinois College of Law J.D. (cum laude) 2019

North Central College Computer Science B.S. (magna cum laude) 2016

INDUSTRIES

Al, Machine Learning & Robotics Software & Internet

PRACTICES

Patent

BAR ADMISSIONS

Illinois Washington United States Patent and Trademark Office

Bilal H. Adra

ASSOCIATE

BACKGROUND

Bilal focuses his practice on patent preparation and prosecution of software and internet technology matters. He received his B.S. (magna cum laude) in Computer Science from North Central College (2016), and his J.D. (cum laude) from University of Illinois College of Law (2019). While attending University of Illinois College of Law, Bilal received the Joseph M. Barich Excellence in Patent Law Award and the Rickert Award for Excellence in Legal Writing, both in 2019.

EXPERIENCE

Prior to joining Seed IP, Bilal served for 4 years as a software developer at CreateASoft, Inc, in Aurora, IL, where he designed, developed, and implemented a cryptography and web-based system for managing, assigning, maintaining, and verifying software licenses. He also developed software to monitor RFID readers and to log RFID tags into a database for real-time tracking of equipment and products.

Bilal has also served as a law clerk and summer associate at several law firms in Illinois, working on numerous patent prosecution and intellectual property litigation matters.

AFFILIATIONS

Bilal is admitted to the state bars of Washington and Illinois, and is registered to practice before the United States Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA).





EDUCATION

University of California- Berkeley School of Law Master of Laws (LL.M.) 2018 Certificate of Specialization in Law & Technology

Korean National Open University Bachelor of Laws LL.B. 2014

Seoul National University Electrical and Computer Engineering B.S. 2008

INDUSTRIES

Electrical Engineering Semiconductors Telecommunications Software & Internet Medical Devices

PRACTICES

Patent IP Agreements & Licensing IP Litigation & Enforcement Strategic Counseling

BAR ADMISSIONS

California
United States Patent
and Trademark Office
Korean Patent Bar

Hyun Kyu (Nathan) Lee

SENIOR ASSOCIATE

BACKGROUND

Nathan Lee's practice focuses on patent prosecution of technologies related to electrical engineering and computer science. He received a B.S. in Electrical and Computer Engineering from Seoul National University in 2008 and earned his Bachelor of Laws (LL.B.) from Korea National Open University in 2014. Nathan received his Master of Laws (LL.M.) from UC Berkeley School of Law.

EXPERIENCE

Nathan's experience includes prosecuting patent applications related to telecommunications, displays, semiconductors, computer software, and medical devices.

Prior to joining Seed IP, Nathan worked for 8 years as a patent attorney at the Korean law firm of Kim & Chang. Here he drafted numerous patent applications and Office Action responses. Nathan also counseled domestic and foreign clients on Korean intellectual property system and patent filing strategies. He also prepared patent landscape analysis reports for semiconductor companies. Nathan also drafted briefs and presented arguments on invalidity cases before Korean Patent Trial and Appeal Board.

AFFILIATIONS

Nathan is admitted to the California State Bar and has also passed the U.S. Patent Bar (granted limited recognition to practice before the U.S. Patent Office). He is also admitted to the Korean Patent Bar and is a member of the Korean Patent Attorneys Association.





EDUCATION

University of Washington School of Law J.D. 2022

University of Michigan Electrical Engineering: Systems M.S. 2015

National Taiwan University Electrical Engineering B.S. 2012

INDUSTRIES

Al, ML & Robotics Electrical Engineering Semiconductors Software & Internet Telecommunications

PRACTICES

IP Agreements & Licensing Patent

BAR ADMISSIONS

Alaska Washington

Yu-Chen (Vincent) Lee

ASSOCIATE

BACKGROUND

Vincent focuses his practice on patent prosecution in the electrical engineering and computer science sectors. He earned an M.S. in Electrical Engineering: Systems from the University of Michigan in 2015, and a B.S. in Electrical Engineering from National Taiwan University in 2015. Vincent received his J.D. from University of Washington School of Law in 2022.

EXPERIENCE

Prior to joining Seed IP, Vincent worked as a software engineer at Microsoft Corporation for over seven years. He worked on the Bing IndexServe Platform, responsibilities including data aggregation services, experimental pipeline, and a data sharing service called Ranking Data Service. Vincent also worked on the Azure Active Directory; he was responsible for the identity services provided to 1st party customers, in particular a service that synced directory data to other Microsoft services.

Vincent also taught a senior Computer Networks course as a graduate student instructor at the University of Michigan and was a software engineer intern at Intel Corp. where he focused on graphics validation and was responsible for automating graphics hardware and software validation on the Intel Broadwell and Skylake processors.

AFFILIATIONS

Vincent is admitted to the state bars of Alaska and Washington. He is a member of the Washington Technology Industry Association (WTIA) and the Washington State Patent Law Association (WSPLA).





EDUCATION

University of Washington School of Law J.D. 2011

University of Washington Materials Science & Engineering/ Nanotechnology Ph.D. 2003

Northeastern University Organic Chemistry M.S. 1999

Jilin University Polymer Chemistry & Physics M.S. 1995

Sichuan University Polymer Chemistry B.S. 1992

INDUSTRIES

Alternative Energy Biotechnology Chemistry Semiconductors Medical Devices Nanotechnology Pharmaceuticals

PRACTICES

Patent Strategic Counseling Trade Secrets

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Shi (Michelle) Liu, Ph.D.

SENIOR ASSOCIATE

BACKGROUND

Michelle's practice is focused on patent procurement, licensing and strategic intellectual property portfolio management in electrical and chemical matters. Example areas of expertise include semiconductors, materials science, batteries, electronics, optoelectronics, medical devices, nanotechnology, polymers, organic chemistry, pharmaceuticals, and cosmetics. Michelle has successfully drafted and prosecuted numerous patent applications of U.S. and international patent matters for clients ranging from small startups to large international corporations. She received a B.S. in Polymer Chemistry from Sichuan University (1992), a M.S. in Polymer Chemistry and Physics from Jilin University (1995), a second M.S. in Organic Chemistry from Northeastern University (1999), and a Ph.D. in Materials Science & Engineering/ Nanotechnology from University of Washington (2003). Michelle holds a J.D. from University of Washington School of Law (2011).

EXPERIENCE

Michelle's background includes nearly a decade of experience as an associate at several IP boutique firms across the U.S., including Seattle, Garden City, NY, and Alexandria, VA. Prior to practicing law, Michelle worked as a researcher in both academic and industrial labs responsible for developing cutting-edge functional materials for organic light-emitting diodes and photovoltaics.

Michelle has written or co-written numerous publications that were published in peer-reviewed journals, and has presented at many science-based industry conferences. Michelle is fluent in Mandarin Chinese.

AFFILIATIONS

Michelle is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office.

Shi (Michelle) Liu, Ph.D.

SENIOR ASSOCIATE



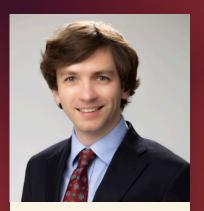
SELECTED PUBLICATIONS

- A. K.-Y., Jen, M. S. Liu, Y.-H. Niu, "Crosslinkable Hole-Transporting Materials for Organic Light-Emitting Devices", US 8.343.6 36.
- M. S. Liu, Y.-H. Niu, J.-W. Ka, H.-L. Yip, J. D. Luo, T.-D. Kim, F. Huang, A. K.-Y. Jen, "Thermally Crosslinkable Hole-Transporting Materials for Improving Hole-Injection in Multilayer Blue-Emitting Phosphorescent Polymer Light-Emitting Diodes", Macromolecules 41, 9570 (2008).
- M. S. Liu, Y.-H. Niu, J. D. Luo, B. Q. Chen, T.-D. Kim, J. Bardecker, A. K.-Y. Jen, et al. "Material and Interface Engineering for Highly Efficient Polymer Light Emitting Diodes", J. Macromolecular Sci., Poly. Rev. 46, 7 (2006).
- M. S. Liu, Y.-H. Niu, J.-W. Ka, H.-L. Yip, B. Q. Chen, F. Huang, Y.-J. Cheng, T.-D. Kim, A. K.-Y. Jen, et al. "Highly Efficient Blue Electrophosphorescent Polymer Light-Emitting Diodes Using Multiple Hole Transporting Layers", Polymer Preprints 47(2), 1008 (2006).
- M. S. Liu, Y.-H. Niu, J.-W. Ka, H.-L. Yip, B. Q. Chen, F. Huang, Y.-J. Cheng, T.-D. Kim, A. K.-Y Jen, et al. "Development of Large Band Gap Host Materials for High-Energy Phosphorescent Emitters", PMSE Preprints 92, 566 (2005).
- M. S. Liu, J. D. Luo, A. K-Y. Jen, "Efficient Green Light-Emitting Diodes from Silole-Containing Copolymers", Chem. Mater. 15, 3496 (2003).
- M. S. Liu, X. Z. Jiang, P. Herguth, S. Liu, A. K.-Y. Jen, "Development of Efficient Electron-Transporting Polymers for Light-Emitting Diodes", Proc. SPIE 4800, 130 (2003).
- M. S. Liu, X. Z. Jiang, S. Liu, P. Herguth, A. K.-Y. Jen, "Effect of Cyano-Substituents on Electron Affinity and Electron-Transporting Properties of Conjugated Polymers", Macromolecules 35, 3532 (2002).
- M. S. Liu, X. Z. Jiang, P. Herguth, A. K-Y. Jen, "Highly Efficient Electron-Transporting Polymers for Light-Emitting Diodes", TOPS-Trends in Optics and Photonics Series, Vol. 64, "Organic Thin Films for Photonic Applications", 110 (2002).
- M. S. Liu, X. Z. Jiang, P. Herguth, A. K.-Y. Jen, "Synthesis and Characterization of Novel Conjugated Light-Emitting Polymers" Mater. Res. Soc. Proc. 725, 3 (2002)
- M. S. Liu, X. Z. Jiang, P. Herguth, A. K.-Y. Jen, "Efficient Cyano-Containing Electron-Transporting Polymers for Light-Emitting Diodes", Chem. Mater. 13, 3820 (2001).
- M. S. Liu, X. Z. Jiang, A. K.-Y. Jen, "Tuning of Redox Behavior and Fluorescence of Cyano-Containing Oligophenylenevinylenes", Mater. Res. Soc. Proc. 598, BB5, 53 (2000).
- M. S. Liu, Y. Liu, R. C. Urian, H. Ma, A. K.-Y. Jen, "Synthesis and Characterization of Polyquinolines for Light-emitting Diodes", J. Mater. Chem. 9, 2201 (1999).

CONFERENCE PRESENTATIONS

- M. S. Liu, "Highly Efficient Blue Electrophosphorescent Polymer Light-Emitting Diodes Using Multiple Hole Transporting Layers", 232th ACS National Meeting, San Francisco, CA, September 10-14, 2006.
- M. S. Liu, "Development of Thermally Crosslinkable Hole-Transporting Materials and Large Band-Gap Polymers for Organic Light-Emitting Diodes", 229th ACS National Meeting, San Diego, CA, March 13-17, 2005.
- M. S. Liu, "Development of Efficient Light-Emitting Polymers for Flat Panel Displays", The Puget Sound Chapter of ASM International Meeting, Seattle, Washington, March 11, 2003.
- M. S. Liu, "Development of Efficient Electron-Transporting Polymers for Light-Emitting Diodes", The International Society for Optical Engineering (SPIE) Conference, Seattle, Washington, July 7-July 24, 2002.
- M. S. Liu, "Highly Efficient Electron-Transporting Polymers for Light-Emitting Diodes", Optical Society of America (OSA) Conference, Long Beach, California, October 17-21, 2001.
- M. S. Liu, "Highly Efficient Cyano-Containing Electron-Transporting Polymers for Light-Emitting Diodes", ACS Northwest Regional Meeting (NORM), Seattle, Washington, June 14-July 17, 2001.





EDUCATION

University of Washington School of Law J.D. 2023

Williams College Computer Science B.A. (with honors) 2018

INDUSTRIES

Al, ML & Robotics Mechanical Engineering Semiconductors Software & Internet Telecommunications

PRACTICES

Patent IP Agreements & Licensing

BAR ADMISSIONS

Washington

Carl L. Rustad

ASSOCIATE

BACKGROUND

Carl focuses his practice on patent prosecution in the computer science and telecommunications sectors. He earned a B.A. in Computer Science from Williams College in 2018. Carl's senior thesis was on machine learning, with a focus on multitask learning in fewshot scenarios, particularly in image classification. He received his J.D. from University of Washington School of Law in 2023.

EXPERIENCE

Carl's experience includes writing patent applications, performing patent and trademark searches and writing search result letters, as well as drafting and filing responses to office actions from the U.S. Patent and Trademark Office including making diagram and specification amendments. He has written and sent cease-and-desist letters responsive to trademark infringement, and authored requests for admission, requests for production, and interrogatories. Carl has also written Python scripts to extract relevant information from discovery documents.

Prior to joining Seed IP, Carl worked as a corporate law intern at PACCAR Inc., where he wrote memos on German standard essential patent litigation and engineer liability in autonomous vehicle accidents and summarized patents for docket meetings. He also drafted an amendment to bring vendor contracts into compliance with new Deparent of Labor cybersecurity guidelines and provided recommendations on complying with National Highway Traffic Safety Administration owner's manual requirements. Carl also helped prepare a CLE presentation on litigation implications of advanced driver-assistance systems and collaborated with outside counsel to perform a 350-box document review.

Carl has also implemented a machine learning framework for classifying web pages at Valt Inc., and assisted with patent and trademark searches, responses to office actions, discovery, and other intellectual property matters as a legal intern at an IP boutique law firm in Boise, Idaho.

AFFILIATIONS

Carl is admitted to the Washington State Bar. He is a member of the Washington Technology Industry Association (WTIA) and the Washington State Patent Law Association (WSPLA).





EDUCATION

Seattle University School of Law J.D. 2018

University of Washington Mechanical Engineering, Mechatronics B.S. 2015

INDUSTRIES

Semiconductors Mechanical Engineering

PRACTICES

Patent

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Zachary M. Sakoi

ASSOCIATE

BACKGROUND

Zachary Sakoi's practice is focused on patent prosecution of semiconductors, semiconductor packaging, semiconductor packaging methods, and mechanical engineering and mechatronics technologies. Zach received his J.D. from Seattle University School of Law in 2018 where he served as Vice President of the Intellectual Property Law Society, was a member of the Asian Pacific Islander Law Student Association, and participated in the Trademark Law Clinic at the Ronald A. Peterson Law Clinic. He received his B.S. in Mechanical Engineering and Mechatronics, from University of Washington, in 2015, and was on the Dean's List.

EXPERIENCE

Zach was a Summer Associate at Seed IP Law Group from 2016-2018, where he prepared non-provisional patent application directed to microelectromechanical system (MEMS) packages, prepared provisional patent application directed to electrical connectors, prepared office action reporting letters, responses to office actions, and responses to restriction requirements.

In 2014, Zach worked as a research intern at Envitrum LLC where he scheduled and managed a contamination study on waste glass to determine its quality for use as a building material by implementing Scanned Electron Microscopy through Energy-Dispersive X-ray Spectroscopy and X-Ray Powder Diffraction scanning.

AFFILIATIONS

Zach is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA) and the Washington Technology Industry Association (WTIA).





EDUCATION

National Taiwan University, Taipei M.S.E.E. 2003

University of Southern California, Los Angeles B.S.E.E. 2000

INDUSTRIES

Electrical Engineering Semiconductors

PRACTICES

Patent

BAR ADMISSIONS

California

Paul D. Bendemire

PATENT AGENT

BACKGROUND

Paul focuses his practice on patent preparation and prosecution in the fields of electrical engineering and electronics and semiconductors. He received his B.S.E.E. (2000) from University of Southern California-Los Angeles, and his M.S.E.E. (2003) from National Taiwan University, Taipei.

EXPERIENCE

Prior to joining Seed IP, Paul served as the Senior Manager of IP at a touch screen manufacturer, in Taipei, where he led a multinational team managing patent prosecution for the Taiwanese firm and a partner in Sunnyvale. He also worked as an in-house Patent Agent at the premier semiconductor manufacturer in Hsinchu, where he conducted invention mining and patent preparation. Prior to that, Paul served as a Patent Agent at an IP boutique in Taipei for six years, preparing and prosecuting over 60 patents in a variety of technical fields, including electronic circuits, telecommunications, touch, software, and optical vision.

AFFILIATIONS

Paul is registered to practice before the United States Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA).





EDUCATION

University of Pennsylvania Physics B.S. (magna cum laude) 2022

INDUSTRIES

Electrical Engineering Nanotechnology Semiconductors Telecommunications

PRACTICES

Patent

BAR ADMISSIONS

United States Patent and Trademark Office

Melina L. Costanza

PATENT AGENT

BACKGROUND

Melina focuses her practice on patent prosecution in the electrical engineering sector. She earned a B.S. (magna cum laude) in Physics from University of Pennsylvania in 2022.

EXPERIENCE

Melina's experience includes preparing and prosecuting U.S. patent applications (non-provisional, continuation, divisional, and national stage), including drafting, reviewing, and editing applications for technology in the electrical engineering space. She has collaborated with inventors, engineers, and scientists to gather technical information and transform it into clear and concise patent specifications. Melina has also developed and executed patent prosecution strategies, including responding to office actions, conducting examiner interviews, and resolving patent-related disputes through negotiation and appeals.

Melina began her career at Seed IP as a technical advisor, collaborating closely with patent attorneys to assist in drafting, editing, and prosecuting patent applications, and translating intricate technical concepts into precise and legally sound language. She leveraged a deep understanding of electrical engineering principles to provide technical support in patent litigation cases.

AFFILIATIONS

Melina is registered to practice before the United States Patent & Trademark Office. She is a member of the Washington State Patent Law Association (WSPLA) and the Washington Technology Industry Association (WTIA).





EDUCATION

University of Washington Biology B.S. 2014

INDUSTRIES

Biotechnology Chemistry Medical Devices Pharmaceuticals Semiconductors

PRACTICES

Patent

BAR ADMISSIONS

United States Patent and Trademark Office

Tessa McClure

PATENT AGENT

BACKGROUND

Tessa focuses her practice on U.S. patent prosecution in the life sciences sector and electrical engineering. She earned a B.S. in Biology from the University of Washington in 2014.

EXPERIENCE

Tessa has nearly a decade of IP experience. She has experience in preparing and prosecuting patent applications relating to medical devices, pharmaceuticals, biotechnology, semiconductors, MEMS, and electronics.

AFFILIATIONS

Tessa is registered to practice before the United States Patent and Trademark Office.





EDUCATION

Villanova University Electrical Engineering M.S. 2005

Temple University Electrical Engineering B.S. 2002

INDUSTRIES

Alternative Energy Electrical Engineering Semiconductors Software & Internet Telecommunications

PRACTICES

Patent

BAR ADMISSIONS

United States Patent and Trademark Office

Baha A. Obeidat

SENIOR PATENT AGENT

BACKGROUND

Baha's practice is focused on electrical/electronic engineering and software patent procurement, and patent analysis and due diligence matters. He received a B.S. in Electrical Engineering (2002) from Temple University, and an M.S. in Electrical Engineering (2005) from Villanova University. He was honored as Valedictorian of the College of Engineering at Temple University.

EXPERIENCE

Baha focuses his practice on the drafting and prosecution of patent applications in the digital communications, processor and memory technology, cloud computing, and content distribution fields. He prepares provisional, non-provisional, and PCT patent applications for a variety of companies, ranging from small startups to multinational corporations, and prosecutes the applications in the U.S. and other jurisdictions. Baha is experienced in providing licensing and acquisition support to clients including performing technical due diligence on patent portfolios and preparing claim charts for products and standards. He has an extensive educational background in the technology industry, holding graduate and undergraduate degrees in electrical engineering.

Baha is a past reviewer for IEEE Transactions on Antennas and Propagation, IEEE Signal Processing Letters, and IEEE Antennas and Wireless Propagation Letters. Prior to joining Seed IP, Baha served as a patent agent at a law firm in Seattle as well as at a Philadelphia-area IP law firm. Baha also worked as a research assistant at the Center for Advanced Communications at Villanova University in Villanova, PA.

AFFILIATIONS

Baha is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association.

Your Mechanical Engineering team will bring a depth of experience and a passion for performance difficult to find

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Mechanical Engineering

elsewhere. As our client, you can expect a rewarding experience on the path to exceptional results. Our engineers will craft patent strategies to suit your marketplace, your immediate needs and your long-term strategic goals.



Mechanical Engineering Team

PARTNERS

Syed M. Abedi Jared M. Barrett Kevin S. Costanza Jeffrey M. Sakoi Duncan Stark

ASSOCIATES

Michael A. Chernoff Bradley J. Zentz

PATENT AGENT

Nicholas A. Barber

Mechanical Engineering is one of the most diverse and important areas in which our attorneys provide patent protection for clients' ideas and inventions. Attorneys within Seed IP's Mechanical Engineering team are fully qualified with real-world experience designing and developing products for the marketplace. We understand both the process of patent protection and the technology our clients are seeking patent protection for. Whether it is a new technology, or an improvement upon something that already exists, Seed IP can provide the complete, cost-effective protection your ideas deserve. We assist all clients on an individualized basis developing tailored IP strategies that fit business plans and company goals, so that the highest value from their intellectual property is realized.

Mechanical Engineering

REPRESENTATIVE CLIENTS*

S

Audi AG, Ingolstadt, Bavaria, Germany

Ballard Power Systems Inc., Burnaby, BC

Bally Technologies, Inc., Las Vegas, NV

Bensussen Deutsch & Associates, Inc., Woodinville, WA

BLR Aerospace, Everett, WA

Chef 'n Corporation, Seattle, WA

Chromation, New York, NY

Digital Kitchen, LLC, Bellevue, WA

Enercon GmbH, Aurich, Germany

Environmental Protection Agency (U.S.), Ann Arbor, MI

Essilor International S.A., Paris, France

Foss Maritime Company, Seattle, WA

Frownies, Dayton, OH

Glacier Northwest, Inc., Seattle, WA

Global Diving & Salvage, Inc., Seattle, WA

Haws Company, Sparks, NV

ILLUMAGEAR, Inc., Seattle, WA

Imasco Minerals Inc., Surrey, BC

Kai USA, Ltd. d/b/a Kershaw Knives, Tualatin, OR

Kershaw Knives, Tualatin, OR

Kwik Lok Corporation, Yakima, WA

Lucent Medical Systems, Inc., Kirkland, WA

Micro Encoder Inc., Kirkland, WA

Midea Group Co., Ltd., Foshan, China

MUSIC Group IP, Ltd., Philippines

modularArts, Inc., Seattle, WA

NanoICE, Inc., Bothell, WA

Nicholson Manufacturing Ltd., Sidney, BC, Canada

Outdoor Research, Inc., Seattle, WA

Ovalstrapping Inc., Hoquiam, WA

PACCAR Inc, Bellevue, WA

Panasonic Automotive Systems Co., Ltd., Kanagawa, Japan

Panasonic Connect Co., Ltd., Tokyo Japan

Panasonic Holdings Corporation, Osaka, Japan

Panasonic Healthcare Co., Ltd., Tokyo, Japan

PerkinElmer LAS, Inc., Boston, MA

Polymedco Corporation, Cortlandt Manor, NY

Remlinger Farms, Carnation, WA

Romac Industries, Inc., Bothell, WA

Rulersmith, Inc., Burlington, WA

Ryco Equipment Inc., Mountlake Terrace, WA

Seattle Bike Supply, Kent, WA

Surgical Specialty Corporation, Westwood, MA

Taiwan Semiconductor Mfg.Co., Ltd., Hsinchu, Taiwan

TEAC Co. Ltd., Tokyo, Japan

Tsukineko, Inc., Redmond, WA

Union Bay, Seattle, WA

U.S. Army, Washington, D.C.

USG Corporation, Chicago, IL

Westport Power, Inc., Vancouver, BC

Winners Industries Co. Ltd., Kowloon, Hong Kong

XFX Creation, Inc., Hong Kong

^{*} This list is not comprehensive





EDUCATION

Seattle University School of Law J.D. 2012

Embry-Riddle Aeronautical University Aerospace Engineering M.Eng. 2003

Ryerson University Aerospace Engineering B.Eng. 2000

INDUSTRIES

Alternative Energy Consumer Products & Services Internet Policy & Law Mechanical Engineering

PRACTICES

Patent Trademark Internet Policy & Law IP Litigation & Enforcement Medical Devices Copyright

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Syed M. Abedi

PARTNER

BACKGROUND

Syed's practice focuses on U.S. and international patent and trademark prosecution, enforcement, licensing and litigation matters. He received a B.Eng in Aerospace Engineering from Ryerson University and a M.Eng. in Aerospace Engineering from Embry-Riddle Aeronautical University, where his graduate research focused on acoustic emissions monitoring of space shuttle external tanks. Syed earned his J.D. from Seattle University School of Law (2012), where he served as a judicial extern to Honorable Thomas S. Zilly, US District Court, Western District of Washington. Syed graduated magna cum laude.

HONORS AND AWARDS

• Selected to Washington Rising Stars®, 2019-2023

EXPERIENCE

From his valuable experience working in the aerospace industry, Syed has leaned on his engineering background to provide sky's-the-limit IP support for his clients. The strength of his patent practice comes from a decade + of industry experience with design, analysis, testing, repairs, and certification of aerospace products, with special emphasis on structural analysis and repairs of aircraft composite structures. This depth of knowledge allows him to seamlessly communicate complex technical issues to his clients leading to better collaboration on a legal strategy that aligns with their IP goals. Syed's business-centric approach to patents complements his robust trademark practice which covers all aspects of trademark clearance, prosecution, enforcement, licensing, and litigation. His clients also rely on his judgement for a wide range of issues related to copyrights, trade secrets, domain names, trade dress, unfair competition, and domestic and international filing strategies.

On the litigation front, Syed has worked closely with clients in various federal courts covering matters involving patent, trademark, and trade secrets, as well as in inter partes proceedings before the Patent Trial and Appeal Board (PTAB) and Trademark Trial and Appeal Board (TTAB), and domain name dispute resolution actions before NAF, WIPO and other ICANN approved dispute resolution providers.

AFFILIATIONS

Syed is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office and the U.S. District Court of Western Washington. He is a member of the Washington State Patent Law Association. Syed serves on the Non-Traditional Marks Committee of the International Trademark Association (INTA) and on the Executive Committee of the Washington State Bar Association IP Section.

Syed M. Abedi

PARTNER



PUBLICATIONS

Abedi, S., Hogan, M., Lindberg, E., "Is Trademark Registration Process No Longer Streamlined Post-B&B Hardware: Tall Tale or Reality?" BNA's Patent, Trademark, & Copyright Journal.® 91:254, 2015.





EDUCATION

University of Washington School of Law J.D. 2007

University of Washington Mechanical Engineering B.S. (magna cum laude) 2001

INDUSTRIES

Consumer Products & Services Industrial Design Mechanical Engineering Medical Devices

PRACTICES

Patent Trademark Copyright IP Agreements & Licensing

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Jared M. Barrett

PARTNER

BACKGROUND

Jared Barretthas extensive experience in trademark and mechanical-related patent matters, including portfolio management and strategy. Jared received his B.S. (magna cum laude) in Mechanical Engineering from the University of Washington in 2001, and was awarded his J.D. from the University of Washington School of Law in 2007.

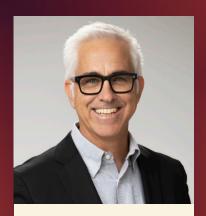
EXPERIENCE

After receiving his bachelor's degree, Jared worked as a design engineer at Genie Industries, a division of the Terex Corporation, designing a range of aerial lift and material handling equipment. Jared was involved in all stages of the design process from initial concept, through design, manufacturing, testing, and product support.

AFFILIATIONS

Jared is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Bar Association and the Washington State Patent Law Association.





EDUCATION

Seattle University School of Law J.D. (cum laude) 1995

University of California at Irvine Engineering B.S. 1990

INDUSTRIES

Consumer Products & Services Industrial Design Mechanical Engineering Medical Devices

PRACTICES

Patent
Trademark
Copyright
Strategic Counseling
IP Agreements & Licensing
Trade Secrets
IP Litigation & Enforcement

BAR ADMISSIONS

California Washington United States Patent and Trademark Office

Kevin S. Costanza

MANAGING PARTNER

BACKGROUND

Kevin Costanza's practice is focused on mechanical patent prosecution, trademark clearance and registration, and intellectual property licensing. He received a B.S. in Engineering from the University of California at Irvine in 1990, concentrating in mechanical engineering and material sciences. Kevin received his J.D. (cum laude) from Seattle University School of Law in 1995.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2014-2024
- The Best Lawyers in America® Lawyer of the Year Award 2023
- World Trademark Review[®] (WTR) 1000 The World's Leading Trademark Professionals, 2016-2023
- Selected to Washington Super Lawyers[®], 2003, 2005-2006 & 2010-2023
- Top Rated AV Preeminent[™] IP Lawyer, Martindale-Hubbell[®], 2016-2023
- Listed in IP Stars (Managing Intellectual Property) for Patents and Trademarks, 2016-2023

EXPERIENCE

Kevin provides clients from a wide range of engineering technologies, consumer products and services with strategic IP counseling, due diligence support, mechanical patent prosecution, design patenting and registration, trademark clearance and registration, domain name disputes, and intellectual property opinions, dispute resolution and licensing.

After receiving his bachelor's degree, Kevin worked as an engineer with the Irvine, California office of Fluor Daniel, Inc., where he drafted design specifications for petrochemical facilities.

Kevin has practiced at Seed IP Law Group since 1998 and, since 2015, he has served as the firm's managing partner. He is a member of the firm's Trademark, Mechanical Engineering, and IP Litigation & Enforcement Groups.

AFFILIATIONS

Kevin is admitted to the Washington State and California State Bars and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA) and the International Trademark Association (INTA), where he serves as a member on the Law Firm Committee.





EDUCATION

University of Idaho J.D. 1985

University of Idaho Chemical Engineering B.S. (cum laude) 1982

INDUSTRIES

Alternative Energy
Chemistry
Consumer Products & Services
Semiconductors
Engineering
Industrial Design
Medical Devices
Nanotechnology
Telecommunications

PRACTICES

Patent Strategic Counseling IP Agreements & Licensing Trade Secrets

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Jeffrey M. Sakoi

SENIOR PARTNER

BACKGROUND

Jeff's practice is focused on strategic intellectual property counseling, patent procurement and enforcement, licensing, and patent assertion management services to chemical, mechanical, and electro-mechanical companies. He provides these services across a broad range of multi-disciplinary industry sectors, including alternative energy, energy distribution, green technology, semiconductor, wired and wireless communication, transportation, chemical and medical device industries. He received a B.S. (cum laude) in Chemical Engineering (1982) from the University of Idaho and holds a J.D. (1985), also from the University of Idaho.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2007-2024
- Listed in IP Stars (Managing Intellectual Property), 2013-2023
- Top Rated AV Preeminent™ IP Lawyer, Martindale-Hubbell®, 1998-2023
- Recommended, IAM Patent 1000, Prosecution: Washington, 2016-2023
- Selected to Washington Super Lawyers®, 2004-2019
- Washington's Most Amazing Attorneys® 2006

EXPERIENCE

Afterreceivinghis J.D., Jeffworked as a patent attorney at the Dow Chemical Company. He has since amassed over thirty years of experience as a patent attorney, drafting and prosecuting patent applications across a multitude of industries, counseling clients in strategic development of their domestic and international intellectual property portfolios, developing client IP programs and IP licensing strategies, and drafting and presenting non-infringement, invalidity and patentability opinions. Jeff has extensive experience working and living in Asia as a seconded patent counsel and as outside counsel.

AFFILIATIONS

Jeff is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a faculty member of the University of Washington School of Law where he teaches a course on patent application preparation and patent prosecution. Jeff also lectures each summer for CASRIP (Center for Advanced Study and Research on Intellectual Property) on advanced patent preparation and prosecution. He is registered to practice before the U.S. Patent and Trademark Office. Jeff has been a board member for the Washington State Patent Law Association and former President of the Asian Bar Association of Washington.





EDUCATION

University of Washington School of Law J.D. (with High Honors) 2012

Oregon State University Civil Engineering M.S. 2009

Oregon State University Civil Engineering B.S. (summa cum laude) 2008

INDUSTRIES

Alternative Energy Consumer Products & Services Industrial Design Mechanical Engineering Medical Devices

PRACTICES

Copyright
Patent
Strategic Counseling
Trademark
IP Agreements & Licensing
IP Litigation & Enforcement

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Duncan Stark

PARTNER

BACKGROUND

Duncan focuses his practice on U.S. and foreign patent prosecution of mechanical-related technologies, including medical devices and consumer products. He received a B.S. summa cum laude (2008) and an M.S. (2009) in Civil Engineering, both from Oregon State University. Duncan holds a J.D. with High Honors and Order of the Coif from the University of Washington School of Law (2012).

HONORS AND AWARDS

• Listed in The Best Lawyers in America® Ones to Watch, 2022-2024

EXPERIENCE

Duncan's experience includes prosecution of patent and trademark applications, as well as patent licensing and strategic domestic and international portfolio management. He has prepared patentability and freedom-to-operate opinions, as well as petitions for interpartes review and covered business method review proceedings.

During law school, Duncan served as an extern to the then Chief Judge Randall R. Rader of the United States Court of Appeals for the Federal Circuit, where he assisted the Chief Judge and his clerks with pending appeals. Duncan also served as an intern at the University of Washington's Center for Commercialization, where he assisted in the preparation and prosecution of patent applications in a variety of technical fields, including medical devices, fuel cell vehicles, and consumer products. Prior to joining Seed IP, Duncan was an associate at a patent law firm in Portland, Oregon.

AFFILIATIONS

Duncan is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the Washington State Patent Law Association.





EDUCATION

University of Cincinnati College of Law J.D. (cum laude) 2021

Trine University
Mechanical Engineering
B.S. (magna cum laude) 2016

Aeronautical Engineering Minor 2016

INDUSTRIES

Alternative Energy Consumer Products & Services Industrial Design Mechanical Engineering Medical Devices

PRACTICES

Copyright
IP Litigation & Enforcement
Patent

BAR ADMISSIONS

Michigan United States Patent and Trademark Office

COURT ADMISSIONS

U.S. District Court for the Eastern District of Michigan

Michael A. Chernoff

ASSOCIATE

BACKGROUND

Mike focuses his practice on patent prosecution in the mechanical engineering sector. He earned a B.S. (magna cum laude) in Mechanical Engineering, and a minor in Aeronautical Engineering, from Trine University in Angola, Indiana, in 2016. Mike received his J.D. (cum laude) from the University of Cincinnati College of Law in 2021.

HONORS AND AWARDS

• Listed in The Best Lawyers in America® Ones to Watch, 2024

EXPERIENCE

Mike's experience includes preparing and prosecuting U.S. patent applications and supporting clients in copyright and patent litigation matters. He has technical experience in a variety of industries, including consumer products, industrial design, medical devices, automotive, and manufacturing. This strong technical foundation allows Mike to adapt to the latest innovations and provide clients with efficient solutions.

Prior to joining Seed IP, Mike worked as an associate at an IP boutique law firm in Troy, Michigan, and previously served as technology transfer intern at the University of Cincinnati. After receiving his bachelor's degree, Mike worked as a manufacturing engineer for a major fashion and consumer products where he focused on cost saving projects and continuous improvement solutions. Prior to that, he was a test engineer for a major automotive manufacturer.

AFFILIATIONS

Mike is admitted to the State Bar of Michigan and is registered to practice before the United States Patent & Trademark Office and the United States District Court for the Eastern District of Michigan.





EDUCATION

University of Washington School of Law J.D. (with Honors) 2017

University of Washington Civil Engineering B.S. 2013

INDUSTRIES

Alternative Energy Industrial Design Consumer Products & Services Mechanical Engineering

PRACTICES

Patent Trademark Strategic Counseling IP Agreements & Licensing

BAR ADMISSIONS

Washington United States Patent and Trademark Office

Bradley J. Zentz

SENIOR ASSOCIATE

BACKGROUND

Brad's practice is focused on U.S. and foreign patent prosecution of mechanical-related technologies, as well as on trademark prosecution across all industry groups. He received a B.S. in Civil Engineering from the University of Washington in 2013, with a focus in structural engineering. He was awarded a J.D. (with Honors) from the University of Washington School of Law in 2017.

HONORS AND AWARDS

• Listed in The Best Lawyers in America® Ones to Watch, 2022-2024

EXPERIENCE

Brad is an experienced member of our mechanical patent and trademark teams. His experience with patents includes all aspects of procuring and enforcing patent rights in a variety of mechanical and electro-mechanical technologies, including preparing new applications, prosecution, and post-issuance counseling and enforcement.

Brad is also an expert in trademark law with years of experience across a wide spectrum of issues. His trademark experience includes domestic and worldwide clearance searching for all types of marks, strategic counseling on filing strategy and overall portfolio development and maintenance, all aspects of prosecution, and post-registration monitoring and enforcement. He has prepared cease and desist letters and coexistence agreements, filed cancellations and oppositions before the TTAB, prepared UDRP petitions for disputed domains, and participated in a successful expungement proceeding before the USPTO. He has also worked on terms of service and privacy policies for websites and software.

During law school, Brad worked at Seed IP as a law clerk and was also a member of the UW Entrepreneurial Law Clinic where he provided pro bono intellectual property counseling to low-income local small businesses.

Before joining Seed IP, Brad served as a research assistant in the UW Structural Research Laboratory and as a legal intern at Expeditors International (Seattle).

AFFILIATIONS

Brad is admitted to the Washington State Bar and is registered to practice before the U.S. Patent and Trademark Office. He is a member of the King County Bar Association (KCBA), the Washington State Patent Law Association (WSPLA), and the International Trademark Association (INTA).





EDUCATION

University of New Hampshire Franklin Pierce School of Law J.D. 2022

University of Southern Mississippi – Industrial Engineering Technology B.S. 2018

Baton Rouge Community College, Chemical Process Technology A.A.S. 2010

INDUSTRIES

Electrical Engineering Mechanical Engineering

PRACTICES

Patent Trademark

BAR ADMISSIONS

United States Patent and Trademark Office

Nicholas A. Barber

PATENT AGENT

BACKGROUND

Nicholas focuses his practice on patent prosecution in the mechanical and electrical engineering sectors. He earned an A.A.S. in Chemical Process Technology from Baton Rouge Community College, and a B.S. in Industrial Engineering Technology from the University of Southern Mississippi. Nicholas received his J.D. from the University of New Hampshire Franklin Pierce School of Law in 2022 and was awarded a J.D. Certificate in Intellectual Property Law.

EXPERIENCE

Nicholas has an extensive background in the industrial and mechanical fields and provides intellectual property counsel in various mechanical, electrical, and electromechanical technologies. Nicholas has assisted both small and large-entity clients, providing specific patent portfolio counsel that meets their needs.

During law school, Nicholas played a pivotal role in the reactivation of the UNH Franklin Pierce Black Law Students Association, where he served as President and Vice President, while also participating on the Dean's Task Force on Racial Justice, Diversity, and Inclusion. While attending UNH Franklin Pierce School of Law, he was the recipient of the UNH Franklin Pierce School of Law Opportunity Scholarship and the Hologic and Merchant & Gould Scholarship.

Prior to joining Seed IP Law Group, Nicholas served as an Operations Supervisor and Emergency Response Team Leader for over 12 years at the U.S. Department of Energy Strategic Petroleum Reserve. During his tenure with the U.S. Department of Energy, Nicholas acquired practical and extensive knowledge in the areas of energy, power and natural resources, medical device technology, and petrochemical technology.

AFFILIATIONS

Nicholas is registered to practice before the United States Patent & Trademark Office. He is a member of the International Trademark Association (INTA), National Bar Association, Washington State Patent Law Association (WSPLA), and the J.L. Turner Legal Association Foundation.

Your trademark practitioners take a proven approach to building and protecting the value of your marksand designs. They

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Trademark

start with an understanding of your business and marketplace. Then, using creative problem solving methods, they devise a strategy that considers all forms of protection, including trademarks, copyrights & design patents. The result is a custom crafted solution that leverages the full value of your intellectual property.



Trademark Team

PARTNERS

Syed M. Abedi Jared M. Barrett Kevin S. Costanza Kevan L. Morgan Russell C. Pangborn Brooke W. Quist Hayley J. Talbert E. Russell Tarleton

OF COUNSEL

Marc C. Levy Toshiko Takenaka

ASSOCIATES

Emily (Emma) Elder Bradley J. Zentz

PATENT AGENT

Nicholas A. Barber

Protecting the name of your company, product, or service - and recognizing the opportunity to establish its identity in the marketplace – is vitally important to your future success. That's where Seed IP's Trademark team comes in. Our experienced trademark attorneys will help build and protect the value of your mark. We can determine if someone is already using a name you have selected for your company or product – before you invest the time and money trying to make it your own. Or, if you already have a name established in the marketplace, we can defend against any infringement or dilution of your mark's value. We provide a full range of trademark services, including trademark searches and clearance opinions; developing trademark protection strategies; preparing, filing, and prosecuting trademark applications in the United States and internationally; preparing and negotiating trademark licenses; conflicts and enforcement; contested actions before TTAB; litigation; Internet policy, domain name acquisitions and dispute resolution; and new gTLD counseling.

Trademark

REPRESENTATIVE CLIENTS*



Aerovías de México, S.A. de C.V. (Aeroméxico), Mexico City

Aesculight LLC, Woodinville, WA

Allozyne Inc., Seattle, WA

American Brewing Company, Edmonds, WA

Amazon.com, Inc., Seattle, WA

AOL Inc., Dulles, VA

Applied Discovery, Inc., Bellevue, WA Ballard Power Systems Inc., Burnaby, BC

Beall Corporation, Portland, OR

Bensussen Deutsch & Associates, Inc., Woodinville, WA

Behringer USA, Inc., Bothell, WA

Brando Enterprises, L.P., Los Angeles, CA

Brenthaven, Seattle, WA

Caradigm USA, LLC, Redmond, WA
Cascade Fresh Inc., Seattle, WA
Chocolate Factory LLC, Cincinnati, OH

ClearSign Combustion Corporation, Seattle, WA
Coast Hotels Limited, Vancouver, BC, Canada
Comfort Dental Group, Inc., Lakewood, CO
Continental Van Lines, Inc., Seattle, WA
Digital Kitchen, LLC, Seattle, WA

DowBuilt, Seattle, WA

Dunn Lumber Company, Seattle, WA Eduseed, Inc., Washington, D.C. EVGA Corporation, Brea, CA eXp Realty, Bellingham, WA

Facey Medical Group, Mission Hills, CA Fate Therapeutics, Inc., San Diego, CA

FitnessQuest, Seattle, WA Frownies, Dayton, OH

Glacier Northwest, Inc., Seattle, WA

Guayaki Sust. Rainforest Prods., Inc., Sebastopol, CA

Haws Corporation, Sparks, NV

Hoag Memorial Hospital Presbyterian, Newport Beach, CA

ILLUMAGEAR, Inc., Seattle, WA

Integrated Diagnostics Inc., Seattle, WA

Kadlec, Richland, WA

Kai USA, Ltd. d/b/a Kershaw Knives, Tualatin, OR

Kenmore Air Harbor, Inc., Kenmore, WA

Kona USA, Ferndale, WA Kubota Vision Inc., Seattle, WA Lifetime Brands, Inc., Garden City, NY

Light Sciences Oncology, Inc., Bellevue, WA

LumiThera, Inc., Poulsbo, WA Lummus Technology, Houston, TX Marlon Brando Estate, Los Angeles, CA

Meta, Menlo Park, CA

Microsoft Corporation, Redmond, WA

Mitsui & Co. (U.S.A.), Inc., Chiyoda, Tokyo, Japan

modularArts, Inc., Seattle, WA

The Monotype Corporation, Woburn, MA MUSIC Tribe Global Brands Ltd., Philippines

Nestlé (USA), Arlington, VA

Northwest Podiatric Laboratory, Blaine, WA

Onvia, Inc., Seattle, WA

Outdoor Research, Inc., Seattle, WA Pacific Medical Centers, Seattle, WA Pecos Pit Barbeque, Seattle, WA

PENTAX of America, Inc. (HOYA Group), Tokyo, JP

PepsiCo Inc., Plano, TX

PerkinElmer LAS, Inc., Waltham, WA

Plenty of Fish, Vancouver, BC

Polymedco Corporation, Cortlandt Manor, NY Providence St. Joseph Health, Seattle, WA

Remlinger Farms, Carnation, WA

Responsive Management Systems, Seattle, WA

Retrophin, Inc., San Diego, CA Salty's Restaurant, Seattle, WA Sambazon, Inc., San Clemente, CA Seattle Mariners, Seattle, WA

Seattle Sport Sciences, Inc., Redmond, WA Swedish Health Services, Seattle, WA Talking Rain Beverage Co., Preston, WA Taylor Precision Products, Inc., Oak Brook, IL

Tsukineko, Inc., Redmond, WA

Tutta Bella Neapolitan Pizzeria, Seattle, WA

Union Bay, Seattle, WA

Vail Resorts, Inc., Broomfield, CO VirBELA, La Jolla, California Vita Coco, New York, NY

The Walt Disney Company, Burbank, CA

XFX Technology USA, Ontario, CA

^{*} This list is not comprehensive





EDUCATION

University of California – Hastings College of the Law J.D. 1994

Stanford University Psychology A.B. 1989

INDUSTRIES

Consumer Products & Services Semiconductors Internet Policy & Law Pharmaceuticals Software & Internet Telecommunications

PRACTICES

Trademark
Internet Policy & Law
Copyright
Strategic Counseling
IP Agreements & Licensing
Trade Secrets
IP Litigation & Enforcement

BAR ADMISSIONS

California Washington

COURT ADMISSIONS

U.S. District Court for the Central & Northern Districts of California

Russell C. Pangborn

PARTNER

BACKGROUND

Russ' practice is focused on trademark and technology law, including strategic trademark and copyright counseling, trade secrets, Internet policy, unfair competition, domain name strategy and disputes, trademark prosecution and maintenance, licensing, enforcement and litigation. He received his A.B. in Psychology from Stanford University and his J.D. from the University of California, Hastings College of the Law.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2018-2024
- Selected to Washington Super Lawyers®, 2021-2023
- World Trademark Review® (WTR) 1000 The World's Leading Trademark Professionals, Gold Band, 2017-2023
- World Trademark Review® (WTR) Global Leaders, 2019-2023
- World IP Review (WIPR) Leaders, 2017-2020
- Awarded with Lexology's Client Choice Award for Intellectual Property – Trademarks, 2018
- "50 Market Shapers," World Trademark Review, 2014
- "In House Counsel of the Year," World Trademark Review, 2012
- "Top 50 under 45," IP Law & Business, 2008

EXPERIENCE

Russ has been an intellectual property attorney for over 25 years, with 14 years of in-house experience at global technology leaders Microsoft Corporation and Intel Corporation. He served as the global head of trademarks at Microsoft, where he led a team of experienced trademark professionals in the strategic counseling of Microsoft's global businesses on all aspects of trademarks and Internet policy development. Russ also served as the manager of Microsoft's Copyright and Trade Secret group. Prior to Microsoft, Russ was a senior trademark attorney at Intel, where he managed a team responsible for the global policing of the Intel corporate brand. Previously, he also served as the CEO of Marksmen, and worked in private practice at a boutique IP law firm in Southern California. Russ is a frequent speaker at various IP association and CLE events, and is the co-founder of the annual McCarthy Symposium, "Trademark Law and Its Challenges.

AFFILIATIONS

Russ is admitted to the Washington State Bar, the California State Bar, the U.S. District Court-Central District of California, and the U.S. District Court-Northern District of California. He is active with the International Trademark Association (INTA), having served multiple terms on the Board of Directors for INTA and as a member of INTA's Executive Committee. Russ served as Vice President and Secretary of the organization, and has participated on numerous INTA committees. He is presently on INTA's Internet Committee.

Russ is active with ICANN (Internet Corporation for Assigned Names and Numbers), having served as a member of the Intellectual Property Constituency (IPC) and was a founding member of the Brand Registry Group. He also participated on the Implementation Recommendation Team (IRT) for ICANN.





EDUCATION

Harvard Law School J.D. (cum laude) 1989

University of California – Berkeley Philosophy A.B. 1986 Phi Beta Kappa

INDUSTRIES

Software & Internet Consumer Products & Services

PRACTICES

IP Litigation & Enforcement

BAR ADMISSIONS

Colorado Washington

COURT ADMISSIONS

U.S. District Court for the
District of Colorado
U.S. District Court for the
Eastern & Western Districts
of Washington
U.S. Court of Appeals for the
Eighth, Ninth, Tenth &
Federal Circuit

Marc C. Levy

OF COUNSEL

BACKGROUND

Marc C. Levy's practice focuses on intellectual property litigation and disputes including trademark, copyright, and patent litigation. Marc's litigation and trial experience extends to numerous federal courts across the country. Marc received his J.D. cum laude, from Harvard Law School in 1989 and his A.B. in Philosophy from the University of California Berkeley in 1986. Marc is admitted in Washington and Colorado and many federal district and appellate courts.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®- Intellectual Property Litigation, 2013-2024
- World Trademark Review® (WTR) 1000 The World's Leading Trademark Professionals, 2014-2023
- Top Rated AV Preeminent[™] IP Lawyer, Martindale-Hubbell[®], 2002-2023
- Listed in Chambers USA-Notable Lawyer, Intellectual Property, Colorado, 2015

EXPERIENCE

Marc brings more than 30 years of experience in intellectual property litigation and trial work. Marc's IP litigation experience covers trademark, copyright, and patent litigation. In the trademark and unfair competition area, Marc has extensive national experience in preliminary injunction hearings, trials, and appeals in federal courts, as well as inter partes proceedings at the Trademark Trial and Appeal Board. He has first chair experience in preliminary injunction hearings and trials in federal courts across the country. Marc is an Adjunct Professor of Law at the University of Colorado School of Law where he teaches Trademark and Unfair Competition Law.

AFFILIATIONS

Marc is admitted to the state bars of Washington and Colorado. He is admitted to practice in the U.S. District Court for the District of Colorado, the U.S. District Court for the Western District of Washington, the U.S. District Court for the Eastern District of Washington, the U.S. Court of Appeals for the Eighth Circuit, the U.S. Court of Appeals for the Ninth Circuit, the U.S. Court of Appeals for the Tenth Circuit and the U.S. Court of Appeals for the Federal Circuit. Marc is also a member of the International Trademark Association (INTA).

Marc C. Levy

OF COUNSEL



SELECTED PUBLICATIONS

Chapter 7, Defendant's Profits in Trademark Infringement Remedies (Second Edition): BNA, ABA Section of Intellectual Property Law, 2013

The Presumption of Irreparable Harm in Trademark Cases: Vol 20, No.4, Intellectual Property Litigation, American Bar Association, Summer, 2009

From Genericism to Trademark Significance: Deconstructing the De Facto Secondary Meaning Doctrine: 95 The Trademark Reporter 1197 Nov./Dec., 2005

SELECTED PRESENTATIONS

Trademark Workshop/Case Study: Selecting an Effective and Protectable Brand - Moderator, 13th Annual Rocky Mountain Intellectual Property Institute, Westminster, CO, May 2015

Recent Developments in the Smorgasbord of Food Labeling Class Actions - ABA Section of Litigation Conference, Snowmass, CO January 2015

Responding to the Rise of High Profile Consumer Fraud Class Actions: How to Strengthen Cooperation Between Legal & Marketing to Develop a Risk-Based Marketing Message - 3rd Advanced Regulatory Compliance Summit on Food & Beverage Marketing and Advertising, Washington, D.C., July 2013

The Intersection of Trade Dress and Design Patents, Using Apple v. Samsung as a Foundation, Discussing Trade Dress/Design Patent Litigation -11th Annual Rocky Mountain Intellectual Property + Technology Institute, Westminster, CO, May 2013

Green & Healthy! Best Practices in Green Advertising and Making Health-Benefit Claims -10th Annual Rocky Mountain Intellectual Property & Technology Institute, Westminster, CO, June, 2012

Food Ad Wars: When and How to Challenge Your Competitors' Comparative Advertising Claims - ACI Food & Beverage Advertising Conference, Washington D.C., February 2012

Red Flags in False Advertising - Rocky Mountain Intellectual Property Institute, Colorado Bar Association, Denver, CO, May, 2009

Fraud on the Trademark Office After In re Bose : Can Trademark Owners Stop Worrying Now? - Practicing Law Institute, National Webinar, September, 2009

Advertising Law: A Primer - IP Law for the Non-IP Lawyer, Washington State Bar Association, Seattle, WA, September, 2008

Kate Spode & Louis Buitton: Combating International Counterfeiting - Rocky Mountain Intellectual Property Institute, Colorado Bar Association, Denver, CO, June, 2008

REPRESENTATIVE CASES

Represented major international pipe fitting manufacturer in defending patent infringement suit filed by Berkshire Hathaway subsidiary. Case resolved through settlement (RLS v. Conex Universal Ltd., S.D. III.)

Successfully obtained preliminary injunction on behalf of nutritional supplement manufacturer against maker of Slimfast barring use of BIOPURE trademark. Case settled promptly thereafter (Biopure Healing Products v. Wellnx Life Sciences, Inc., W.D. Wash.)

Successfully obtained summary judgment on behalf of Amazon.com, Inc. dismissing claim of trademark infringement based on Amazon's search engine's response to a query for plaintiff's brand of watches. Summary judgment affirmed by the Ninth Circuit (Multi Time Machine, Inc. v. Amazon.com, Inc., U.S. Court of Appeals, Ninth Circuit & C.D. Cal.)

Trial counsel for Pacific Bioscience Laboratories, an affiliate of L'Oreal USA and maker of the Clarisonic skin care system, in which the jury awarded our client more than \$11 million based on findings of willful patent infringement, willful trade dress infringement and willful false advertising. (Pacific Bioscience Laboratories v. NutraLuxe MD, W.D. Wash.)

Co-trial counsel for Thermos, Inc. in jury trial in which Thermos obtained defense verdict dismissing claim of trade dress infringement made by owner of Stanley brand insulated bottle (Pacific Marketing v. Thermos, W.D. Wash.)

Co-counsel for Ultreo, Inc. in successful defeat of motion for preliminary injunction by Procter & Gamble against maker of new ultrasonic power toothbrush (Procter & Gamble v. Ultreo, Inc., S.D.N.Y.)

Represented Crocs in trade dress and design patent infringement case against maker of knock-off products (Crocs v. Australia Unlimited, D. Col.)

Represented maker of Sonicare toothbrush in jury trial of false advertising lawsuit against Gillette, the manufacturer of the competing Braun–Oral B product (Braun v. Optiva, S.D.N.Y.)





EDUCATION

University of Washington School of Law J.D. (with Honors & Order of the Coif) 2023

University of Puget Sound Biochemistry B.S. (magna cum laude) 2018

INDUSTRIES

Consumer Products & Services Software & Internet Chemistry Mechanical Engineering

PRACTICES

Trademark Copyright Internet Policy & Law IP Litigation & Enforcement Patent

BAR ADMISSIONS

Washington
United States Patent
and Trademark Office

Emily (Emma) Elder

ASSOCIATE

BACKGROUND

Emma focuses her practice on trademark prosecution, copyright matters, and intellectual property licensing and enforcement. She earned a B.S. (magna cum laude) in Biochemistry from University of Puget Sound in 2018. Emma received her J.D. from University of Washington School of Law in 2023.

EXPERIENCE

Emma helps clients navigate all stages of trademark protection, from clearance searching through trademark prosecution and enforcement. Emma also has experience in drafting intellectual property licenses and other IP-related agreements. She regularly handles copyright applications and helps clients to navigate claims for copyright infringement.

Prior to joining Seed IP, Emma worked as a law clerk at the Federal Trade Commission and spent two years as a summer associate at Seed IP Law Group. Before law school, Emma worked in marketing and web development. As a first-year law student, Emma received the Malcolm Edwards Award for legal writing and received a CALI award for Legal Analysis, Research, and Writing.

AFFILIATIONS

Emma is admitted to the Washington State Bar and is registered to practice before the United States Patent & Trademark Office. She is a member of the International Trademark Association (INTA) and the Washington State Patent Law Association (WSPLA).



Trademark Samples

Trademarks





























BENDING SP®NS













Trademarks











































Trademarks











































Your IP Litigation & Enforcement team brings decades of collective experience to your enforcement and defense needs. Litigation most often stems from an

IP Litigation & Enforcement

underlying business issue. Whether asserting your patent against an infringer or defending yourself against accusations of unfair competition, we will work closely with you to find creative and practical solutions to the underlying issue. And if your case proceeds to trial, we have the experience, depth of knowledge, and tenacity to present a winning case.



IP Litigation & Enforcement Team

PARTNERS

Syed M. Abedi
Jared M. Barrett
Timothy L. Boller
Kevin S. Costanza
Michelle M. LeCointe
Russell C. Pangborn
Brooke W. Quist
Bobby B. Soltani
Duncan Stark
E. Russell Tarleton
Samuel E. Webb
Jianping Zhang

OF COUNSEL

Jessica S. Gritton Marc C. Levy Toshiko Takenaka

ASSOCIATES

Michael A. Chernoff Emily (Emma) Elder Hyun Kyu (Nathan) Lee Emily Mae-Yen Ross At Seed IP, intellectual property is all we do. In fact, we have been handling intellectual property disputes for over 50 years. So when our clients come to us to handle a dispute, they know they benefit directly from our exceptional depth of experience in this area.

We regularly represent clients in litigation matters involving all areas of intellectual property. Our team includes experienced trial attorneys who appear on behalf of clients in courts throughout the country, including at both the trial and appellate levels. We also routinely handle matters at the United States Patent and Trademark Office, including proceedings before the Patent Trial and Appeal Board (PTAB) and the Trademark Trial and Appeal Board (TTAB). While we are always prepared to see a matter through to a final verdict, we also understand that our clients' objectives may be best served by alternative resolutions, such as early settlement, arbitration or mediation.

Indeed, our strength lies in our ability to use small, focused teams of attorneys who work closely with our clients to develop an in-depth understanding of their business and litigation needs. This approach not only allows for more streamlined litigation management and decision-making to help us achieve optimal results for our clients, but also keeps expenses down. Our lawyers collaborate in ways that increase efficiency and value, not costs. We have over 50 patent attorneys and agents, nearly half of whom have advanced degrees, covering a full spectrum of technical backgrounds ranging from electrical and mechanical engineering to biochemistry and immunology. This gives us the technical depth and resources to effectively develop strategies and arguments that our clients need to win their cases.



IP Litigation & Enforcement Team

(continued)

PARTNERS

Syed M. Abedi

Jared M. Barrett

Timothy L. Boller

Kevin S. Costanza

Michelle M. LeCointe

Russell C. Pangborn

Brooke W. Quist

Bobby B. Soltani

Duncan Stark

E. Russell Tarleton

Samuel E. Webb

Jianping Zhang

OF COUNSEL

Jessica S. Gritton

Marc C. Levy

Toshiko Takenaka

ASSOCIATES

Michael A. Chernoff Emily (Emma) Elder Hyun Kyu (Nathan) Lee Emily Mae-Yen Ross Our litigation attorneys are dedicated to providing the highest level of representation for our clients and delivering exceptional value in handling their intellectual property disputes.

Our Intellectual Property Litigation & Enforcement expertise:

- Patent infringement
- Post-grant proceedings
- Trademark infringement and dilution
- Copyright infringement
- Unfair competition and false advertising
- Trade secrets
- Cybersquatting
- TTAB
- UDRP/URS





EDUCATION

Harvard Law School J.D. (cum laude) 1989

University of California – Berkeley Philosophy A.B. 1986 Phi Beta Kappa

INDUSTRIES

Software & Internet Consumer Products & Services

PRACTICES

IP Litigation & Enforcement

BAR ADMISSIONS

Colorado Washington

COURT ADMISSIONS

U.S. District Court for the
District of Colorado
U.S. District Court for the
Eastern & Western Districts
of Washington
U.S. Court of Appeals for the
Eighth, Ninth, Tenth &
Federal Circuit

Marc C. Levy

OF COUNSEL

BACKGROUND

Marc C. Levy's practice focuses on intellectual property litigation and disputes including trademark, copyright, and patent litigation. Marc's litigation and trial experience extends to numerous federal courts across the country. Marc received his J.D. cum laude, from Harvard Law School in 1989 and his A.B. in Philosophy from the University of California Berkeley in 1986. Marc is admitted in Washington and Colorado and many federal district and appellate courts.

HONORS AND AWARDS

- Listed in The Best Lawyers in America®- Intellectual Property Litigation, 2013-2024
- World Trademark Review® (WTR) 1000 The World's Leading Trademark Professionals, 2014-2023
- Top Rated AV Preeminent[™] IP Lawyer, Martindale-Hubbell[®], 2002-2023
- Listed in Chambers USA-Notable Lawyer, Intellectual Property, Colorado, 2015

EXPERIENCE

Marc brings more than 30 years of experience in intellectual property litigation and trial work. Marc's IP litigation experience covers trademark, copyright, and patent litigation. In the trademark and unfair competition area, Marc has extensive national experience in preliminary injunction hearings, trials, and appeals in federal courts, as well as inter partes proceedings at the Trademark Trial and Appeal Board. He has first chair experience in preliminary injunction hearings and trials in federal courts across the country. Marc is an Adjunct Professor of Law at the University of Colorado School of Law where he teaches Trademark and Unfair Competition Law.

AFFILIATIONS

Marc is admitted to the state bars of Washington and Colorado. He is admitted to practice in the U.S. District Court for the District of Colorado, the U.S. District Court for the Western District of Washington, the U.S. District Court for the Eastern District of Washington, the U.S. Court of Appeals for the Eighth Circuit, the U.S. Court of Appeals for the Ninth Circuit, the U.S. Court of Appeals for the Tenth Circuit and the U.S. Court of Appeals for the Federal Circuit. Marc is also a member of the International Trademark Association (INTA).

Marc C. Levy

OF COUNSEL



SELECTED PUBLICATIONS

Chapter 7, Defendant's Profits in Trademark Infringement Remedies (Second Edition): BNA, ABA Section of Intellectual Property Law, 2013

The Presumption of Irreparable Harm in Trademark Cases: Vol 20, No.4, Intellectual Property Litigation, American Bar Association, Summer, 2009

From Genericism to Trademark Significance: Deconstructing the De Facto Secondary Meaning Doctrine: 95 The Trademark Reporter 1197 Nov./Dec., 2005

SELECTED PRESENTATIONS

Trademark Workshop/Case Study: Selecting an Effective and Protectable Brand - Moderator, 13th Annual Rocky Mountain Intellectual Property Institute, Westminster, CO, May 2015

Recent Developments in the Smorgasbord of Food Labeling Class Actions - ABA Section of Litigation Conference, Snowmass, CO January 2015

Responding to the Rise of High Profile Consumer Fraud Class Actions: How to Strengthen Cooperation Between Legal & Marketing to Develop a Risk-Based Marketing Message - 3rd Advanced Regulatory Compliance Summit on Food & Beverage Marketing and Advertising, Washington, D.C., July 2013

The Intersection of Trade Dress and Design Patents, Using Apple v. Samsung as a Foundation, Discussing Trade Dress/Design Patent Litigation -11th Annual Rocky Mountain Intellectual Property + Technology Institute, Westminster, CO, May 2013

Green & Healthy! Best Practices in Green Advertising and Making Health-Benefit Claims -10th Annual Rocky Mountain Intellectual Property & Technology Institute, Westminster, CO, June, 2012

Food Ad Wars: When and How to Challenge Your Competitors' Comparative Advertising Claims - ACI Food & Beverage Advertising Conference, Washington D.C., February 2012

Red Flags in False Advertising - Rocky Mountain Intellectual Property Institute, Colorado Bar Association, Denver, CO, May, 2009

Fraud on the Trademark Office After In re Bose : Can Trademark Owners Stop Worrying Now? - Practicing Law Institute, National Webinar, September, 2009

Advertising Law: A Primer - IP Law for the Non-IP Lawyer, Washington State Bar Association, Seattle, WA, September, 2008

Kate Spode & Louis Buitton: Combating International Counterfeiting - Rocky Mountain Intellectual Property Institute, Colorado Bar Association, Denver, CO, June, 2008

REPRESENTATIVE CASES

Represented major international pipe fitting manufacturer in defending patent infringement suit filed by Berkshire Hathaway subsidiary. Case resolved through settlement (RLS v. Conex Universal Ltd., S.D. III.)

Successfully obtained preliminary injunction on behalf of nutritional supplement manufacturer against maker of Slimfast barring use of BIOPURE trademark. Case settled promptly thereafter (Biopure Healing Products v. Wellnx Life Sciences, Inc., W.D. Wash.)

Successfully obtained summary judgment on behalf of Amazon.com, Inc. dismissing claim of trademark infringement based on Amazon's search engine's response to a query for plaintiff's brand of watches. Summary judgment affirmed by the Ninth Circuit (Multi Time Machine, Inc. v. Amazon.com, Inc., U.S. Court of Appeals, Ninth Circuit & C.D. Cal.)

Trial counsel for Pacific Bioscience Laboratories, an affiliate of L'Oreal USA and maker of the Clarisonic skin care system, in which the jury awarded our client more than \$11 million based on findings of willful patent infringement, willful trade dress infringement and willful false advertising. (Pacific Bioscience Laboratories v. NutraLuxe MD, W.D. Wash.)

Co-trial counsel for Thermos, Inc. in jury trial in which Thermos obtained defense verdict dismissing claim of trade dress infringement made by owner of Stanley brand insulated bottle (Pacific Marketing v. Thermos, W.D. Wash.)

Co-counsel for Ultreo, Inc. in successful defeat of motion for preliminary injunction by Procter & Gamble against maker of new ultrasonic power toothbrush (Procter & Gamble v. Ultreo, Inc., S.D.N.Y.)

Represented Crocs in trade dress and design patent infringement case against maker of knock-off products (Crocs v. Australia Unlimited, D. Col.)

Represented maker of Sonicare toothbrush in jury trial of false advertising lawsuit against Gillette, the manufacturer of the competing Braun–Oral B product (Braun v. Optiva, S.D.N.Y.)





EDUCATION

Northwestern Pritzker School of Law J.D. 2021

Harvey Mudd College Engineering B.S. (with distinction) 2014

INDUSTRIES

Electrical Engineering Nanotechnology Semiconductors Software & Internet

PRACTICES

IP Litigation & Enforcement Patent

BAR ADMISSIONS

California United States Patent and Trademark Office

COURT ADMISSIONS

U.S. District Court for the Northern District of California

Emily Mae-Yen Ross

ASSOCIATE

BACKGROUND

Emily focuses her practice on IP litigation and enforcement, as well as patent prosecution, in a variety of technology areas. Emily received her J.D. from Northwestern Pritzker School of Law in 2021, where she was heavily involved with the IP community and secured asylum for four children through the Bluhm Legal Clinic's Children and Family Justice Center. She received a B.S. (with distinction) in Engineering from Harvey Mudd College in 2014.

EXPERIENCE

Emily's experience includes infringement and litigation matters, as well as preparing and prosecuting U.S. and foreign patent applications, primarily in software and hardware technology areas. In her litigation practice, Emily has experience preparing pleadings, conducting and managing discovery, drafting claim construction arguments, preparing for trial, and participating in inter partes review proceedings. In her prosecution practice, she has significant experience drafting, prosecuting, and appealing patent applications for clients ranging from small startups to Fortune 100 companies.

During law school, Emily was President of the Intellectual Property Law Society, an executive board member of the Journal of Technology and Intellectual Property, and an active student member of the Richard Linn American Inn of Court. She was also the Midwest Regional Champion and a National Semifinalist in the American Intellectual Property Law Association's 2019-2020 Giles S. Rich Memorial Moot Court Competition.

Prior to joining Seed IP, Emily worked as an IP litigation associate at a large law firm in Palo Alto, California. Prior to attending law school, she was also a patent agent at a large law firm in Mountain View, California. Additionally, her undergraduate research focused on semiconductor nanofabrication and characterization, in association with Harvey Mudd College's Department of Chemistry, Stanford University's Department of Electrical Engineering, and the National Institute for Materials Science in Tsukuba, Japan.

AFFILIATIONS

Emily is admitted to the California State Bar. She is registered to practice before the United States Patent & Trademark Office and admitted to practice in the U.S. District Court for the Northern District of California. Emily is a member of the Asian Pacific American Bar Association of Silicon Valley (APABA-SV), the National Asian Pacific American Bar Association (NAPABA), the Washington State Patent Law Association (WSPLA), and the Washington Technology Industry Association (WTIA).

Seed IP can assist you in Mediating intellectual property and contract disputes. Mediation allows parties to craft mutually



Mediation

agreed settlements with the help of a trained, neutral Mediator. Mediation is an informal and non-adversarial process to reach voluntary agreements that can go "outside the box" and address the parties' business or personal interests in ways the courts cannot.



Mediation Team

PARTNERS

Timothy L. Boller

Whether you are the plaintiff or defendant, the mediation process helps you cost-effectively negotiate a rational settlement through the assistance of a mutually agreed and neutral third-party Mediator. The neutral Mediator helps you and your adversaries identify an acceptable resolution.

Unlike litigation or arbitration, mediation gives parties control over the result, and the parties are free to move to solutions that address their true needs and interests. You can craft business-oriented solutions, and avoid the uncertainties, risk, and cost of a full-fledged litigation.





EDUCATION

Georgetown University Law Center I.D. 1994

University of Kansas Electrical Engineering B.S. 1986

INDUSTRIES

Alternative Energy
Consumer Products & Services
Electrical Engineering
Semiconductors
Medical Devices
Nanotechnology
Software & Internet
Telecommunications

PRACTICES

Patent Trademark Strategic Counseling IP Agreements & Licensing Trade Secrets IP Litigation & Enforcement

BAR ADMISSIONS

Washington United States Patent and Trademark Office

COURT ADMISSIONS

U.S. Court of Appeals for the Federal Circuit U.S. Court of Appeals for the Ninth Circuit

Timothy L. Boller

PARTNER

BACKGROUND

Tim Boller's practice is focused on electrical patent prosecution and intellectual property litigation. He graduated from the University of Kansas with a B.S. in Electrical Engineering (1986) and went on to receive a J.D. from Georgetown University Law Center (1994).

HONORS AND AWARDS

- Listed in The Best Lawyers in America®, 2020-2024
- Rated as Distinguished[™] for 15+ Years, Martindale-Hubbell[®]

EXPERIENCE

After receiving his J.D., Tim was a judicial clerk to U.S. District Court Judge J. Thomas Marten and was a research attorney for the Kansas Court of Appeals. He has extensive research and legislative assistant experience, including a five year period with U.S. Representative Jim Slattery.

AFFILIATIONS

Tim is admitted to the Washington State Bar (1999), U.S. Court of Appeals for the 9th Circuit, and the U.S. Court of Appeals for the Federal Circuit. He is registered to practice before the U.S. Patent and Trademark Office. Tim is a member of the Washington State Patent Law Association and the Washington State Bar Association.



Conclusion

Seed Intellectual Property Law Group would be pleased to have the opportunity to provide legal services to enhance your business. We provide comprehensive legal assistance in all areas of intellectual property, including related litigation. Our goal is to both build and add value to your company by securing a strategic and defensible patent portfolio consistent with your business objectives.

If you have any questions regarding our firm's services, please do not hesitate to contact any of the attorneys at Seed Intellectual Property Law Group. We can be reached at (206) 622-4900.

