Dr. Harry V. Bims
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PROFESSIONAL SUMMARY

Harry Bims, PhD, EE, provides expert witness support services for telecommunications-related intellectual property litigation. These services include deposition and court testimony, expert reports, and infringement research, for patent, copyright, and trade secret litigation matters. He has 30+ years of telecommunications industry experience, and holds twenty-five US patents in network architecture and chip design for wireless communications.

EMPLOYMENT HISTORY

12/2001 - 05/2004 **AirFlow Networks, Inc. ● Sunnyvale, California**

Position: *CEO/CTO & Founder*

As the sole founder of the company, created the original business plan, raised venture capital, and hired the core engineering team. Grew the company to 32 people and shipped products for revenue in the US and overseas. Fifteen patents on the core technology have issued. These patents, which relate to wireless network infrastructure based on the 802.11 specification, have been sold to Broadcom.

03/2001 - 12/2001 **Bay Partners LLC ● Cupertino, California**

Position: *Entrepreneur in Residence*

Reported to the partners of this VC firm as a technology expert on a range of wireless and networking subjects. Reviewed business plans and participated in due diligence activities related to several startups seeking funding. Developed a business plan for a startup that builds network infrastructure for 802.11 enterprise networks.

09/1999 - 03/2001 **Symmetry Communications Systems Inc ● San Jose, California**

Position: *Director, Software Architecture*

Reporting to the CEO, responsible for the software architecture of their core SGSN and GGSN products for the GPRS market. Formulated a software technology roadmap, showing the evolution from 2.5G to 3G SGSN and GGSN products. Management responsibility for Firmware, Hardware, Performance, and Systems Engineering Groups. Provided management support of early field trials of the system on a global basis.

07/1999 - 09/1999 **T-SPAN Systems Corporation ● Palo Alto, California**

Position: *Member of Technical Staff*

Designed a wireless home LAN protocol for the company. Also designed and built a PC-based platform to demonstrate their technology. Company is now publicly traded as Atheros Communications.

07/1992 - 12/1998 **Glenayre Technologies-Wireless Access Group ● San Jose, California**

Position: *Member of Technical Staff; Sr. Member of Technical Staff; Manager of NOC Systems*

Employee #6 at the company, which was acquired by Glenayre Technologies, Nov 1997. Designed and built a 4-channel ReFLEX50 pager demonstration in 1 week. Participated in early field trials and feasibility studies, culminating in a Pioneer's Preference license award from the FCC to SkyTel Corporation for Narrowband PCS development.

Invented, designed, and built from concept through full implementation, a patented two-way pager test system for the ReFLEX50 and ReFLEX25 protocols. This system was used throughout company operations for performance testing of the ReFLEX pager designs from Wireless Access, and Motorola. Over 16 systems were deployed around the country for manufacturing tests, engineering protocol tests, antenna tests, and pager repair tests.

The project required technical skills in PC hardware design, C++, object-oriented programming, signal processing techniques, NT device driver development, Win32 user interface development, real-time, multi-threaded control, and proficiency with wireless communications lab equipment. Three patents have been issued based on technical inventions in this capacity.

Co-developed a wireless application protocol for sending and receiving encrypted email messages over the paging channel. Led the project team that deployed a software encryption module based on this protocol for government agencies.

10/2012 – Present **BoughtStuff, Inc ● Palo Alto, California**

Position: *Founder*

The company has developed a mobile application for storage and delivery of product information to smartphones over wireless networks.

Bims Laboratories, Inc Work History

6/2009 – 7/2009 **Eastman Kodak Company ● Rochester, NY**

Position: *Technology Consultant*

Providing technology assessment on certain wireless communication patents.

10/2009 – 1/2017 **IEEE 802.16 Working Group**

Position: *Task Group Secretary, Task Group Vice-Chair, Task Group Chair, Working Group Vice-Chair & Secretary, IEEE 802.16 Expert*

Served in several leadership capacities within this group that is working on improvements to the IEEE 802.16 standard, otherwise known as WiMAX. The 802.16 Working Group entered hibernation on March 2018. From that time until the present, I am on the roster of Experts designated by the Chair to answer questions and provide clarification about the 802.16 standards.

2/2014 – Present **Access Network Protocol Development**

Position: *Technical Lead Developer*

Developing a C++17-based DES of SDRs for wired and wireless network protocols, that includes IMT-2020 channel models. Implementations of the IEEE 802 and LTE protocol families, plus PTP, PPoE, IPv6, digital cable, Bluetooth, DSL, frame relay and many other managed node models for smart grid and vertical IoT applications. Used for technical analysis of emerging wireless standards amendments.

Protocomm Systems, LLC Consulting History

04/1999–07/1999 **Gigabit Wireless, Inc. ● San Jose, California**

Position: *Technical Leader*

Technical leader for the Wireless MAC design group. Responsible for

comparative analysis of competing wireless MAC protocol standards. Responsible for the creation of a proprietary MAC protocol specification document, simulation of the protocol, and implementation in a prototype. Participated in early 802.16 protocol standards. This company was acquired by Intel Corporation.

3/2007 – 10/2009 **Apple, Inc. ● Cupertino, CA**

Position: *Technology Consultant*

Participating in IEEE 802.16 standards meetings as an affiliate of the client.

7/2003 – Present **Various expert witness engagements (see below)**

Position: *Technical Expert Witness*

Testified as a wireless technology expert in patent infringement cases. For a list of such cases, see below.

Technical Expert Witness Experience

7/2025 – Present **Client: Burr & Forman, LLP (representing SmartSky Networks)**

Case: SmartSky Networks, LLC v. Gogo Business Aviation et. al.

Civil Action No: 3:24-cv-1087-FDW-DCK (W.D. N.C.)

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF NORTH CAROLINA

Testifying expert in this patent case involving IEEE 802.11 wireless networks for business aviation.

Attorneys: For Plaintiff:

For Defendant: Burr & Forman

Status: Case ongoing

7/2025 – Present **Client: Fish & Richardson LLP (representing Ubiquiti)**

Case: Intellectual Ventures I LLC v. Ubiquiti Inc.

Civil Action No: 1:23-cv-00865-GBW (D.Del.)

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

Testifying expert in this patent case involving IEEE 802.11 wireless networks.

Attorneys: For Plaintiff:

For Defendant: Burr & Forman

Status: Case ongoing

5/2025 – Present **Client: Finnegan, Henderson, Farabow, Garrett, & Dunner, LLP (representing Samsung)**

Case: Hannibal IP LLC v. Samsung Electronics Co., Ltd, and Samsung Electronics America, Inc.

Case IPR2025-01190 - IPR Petition relating to Hannibal IP LLC v. Samsung Electronics Co., Ltd, and Samsung Electronics America, Inc.

Civil Action No: 4:25-cv-200-SDJ (E.D. Tex.)

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this patent case involving 5G quasi co-location wireless communication.

July 29, 2025: Declaration ISO Petition for IPR for US Patent 11,641,661

Attorneys: For Plaintiff:

For Defendant: Finnegan

Status: Case ongoing

4/2025 – Present **Client: Davis Polk & Wardwell LLP (representing Comcast)**

Case: Comcast Cable Communications Management, LLC et. al. v. MaxLinear, Inc..

Civil Action No: 23-cv-04436-AKH (S.D. N.Y.)

Location: UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK

Testifying expert in this patent case involving DOCSIS cable network amplifier technology.

Attorneys: For Plaintiff:

For Defendant: Davis Polk

Status: Case ongoing

4/2025 – Present **Client: Fish & Richardson (representing Lenovo)**

Case: Collision Communications, Inc. v. Lenovo Group, Ltd.

Civil Action No: 2:23-cv-00594-JRG (E.D. Tex.)

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS – MARSHALL DIVISION

Testifying expert in this patent case involving multi-user detection and IEEE 802.11, 4G LTE, and 5G wireless networking technology.

August 22, 2025 Opening Expert Report on Invalidity

September 26, 2025 Rebuttal Expert Report on Non-infringement

Attorneys: For Plaintiff: Caldwell, Cassady, and Curry

For Defendant: Fish & Richardson

Status: Case settled

3/2025 – Present **Client: Latham & Watkins LLP (representing Google)**

Case: Advanced Coding Technologies LLC v. Google LLC

IPR Petition relating to Advanced Coding Technologies LLC v. Google LLC

Civil Action Nos: 2:24-cv-00353

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this patent case involving encoding voice data for wireless communication.

June 12, 2025: Declaration ISO Petition for IPR for US Patent 7,804,891

Attorneys: For Plaintiff:

For Defendant: Latham & Watkins

Status: Case ongoing

3/2025 – Present **Client: Fish & Richardson (representing Samsung)**

Case: Wilus Institute of Standards and Technology Inc. v. Samsung Electronics Co. Ltd, et. al.

Civil Action Nos: 2:24-cv-00746; 2:24-cv-00765; 2:25-cv-00070

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS, MARSHALL DIVISION

Testifying expert in this patent case involving WiFi packet technology

Attorneys: For Plaintiff:

For Defendant: Fish & Richardson

Status: Case ongoing

10/2024 – Present **Client: Fish & Richardson LLP (representing Apple)**

Case: Resonant Systems, Inc. d/b/a RevelHMI v. Apple Inc.

Civil Action No. 7:23-cv-00077-ADA

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS, MIDLAND-ODESSA DIVISION

Testifying expert in this patent case involving haptic technology

For Plaintiff:

For Defendant: Fish & Richardson, LLP

Attorneys:

Status: Case ongoing

10/2024 – Present **Client: GreenbergTraurig (representing Samsung)**

Case: Samsung Electronics America, Inc. (Petitioner) v. GenghisComm Holdings, LLC (Patent Owner)

IPR Petition relating to GenghisComm Holdings, LLC v Samsung Electronics America, Inc. Civil Action No. 2:24-cv-00242 (E.D. Tex.)

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this patent case involving OFDM wireless technology

Expert Declarations:

April 10, 2025: Declaration ISO Petition for IPR for US Patent 11,424,792

April 7, 2025: Declaration ISO Petition for IPR for US Patent 11,381,285

April 7, 2025: Declaration ISO Petition for IPR for US Patent 11,252,005

April 2, 2025: Declaration ISO Petition for IPR for US Patent 11,075,786

April 1, 2025: Declaration ISO Petition for IPR for US Patent 10,389,568

March 28, 2025: Declaration ISO Petition for IPR for US Patent 9,768,842

March 28, 2025: Declaration ISO Petition for IPR for US Patent 10,200,227

April 10, 2025: Declaration ISO Petition for IPR for US Patent 11,223,508

October 10, 2025: Declaration ISO Request for EPR for US Patent 11,075,786

July 24, 2025: Declaration ISO Request for EPR for US Patent 11,381,285

October 10, 2025: Declaration ISO Request for EPR for US Patent 11,075,786

Attorneys: For Patent Owner:

For Petitioner: GreenbergTraurig

Status: Case ongoing

10/2024 – Present **Client: Fish & Richardson LLP (representing Apple)**

Case: Resonant Systems, Inc. d/b/a RevelHMI v. Apple Inc.

Civil Action No. 7:23-cv-00077-ADA

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS, MIDLAND-ODESSA DIVISION

Testifying expert in this patent case involving haptic technology

For Plaintiff:

For Defendant: Fish & Richardson, LLP

Attorneys:

Status: Case ongoing

03/2024 – Present **Client: Fish & Richardson, LLP (representing General Motors Company, and General Motors LLC ("GM"), Tesla Inc., and American Honda Motor Co., Inc., and Honda Development & Manufacturing of America, LLC ("Honda")**

Client: DLA Piper LLP (representing Toyota Motor North America, Inc., Toyota Motor Sales, U.S.A., Inc., and Toyota Motor Engineering & Manufacturing North America, Inc., and Toyota Motor Credit Corporation ("Toyota")

Client: Venable LLP (representing FCA US LLC)

Client: Brooks Kushman LLP (representing Ford Motor Co.)

Client: Jenner & Block LLP (representing Nissan North America Inc. and Nissan Motor Acceptance Corporation A/K/A Nissan Motor Acceptance Company LLC ("Nissan")

Case: Neo Wireless, LLC v GM, Tesla, Honda, Toyota, FCA US LLC, Ford Motor Co., and Nissan. Civil Action No. 2:22-MD-03034-TGB (E.D. Mich)

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF MICHIGAN SOUTHERN DIVISION

Testifying expert in this District Court matter involving 5G communications.

Expert Report:

March 28, 2024 Opening Expert Report on Invalidity

April 25, 2024 Rebuttal Expert Report on Non-Infringement

May 23, 2024 Expert Deposition

Attorneys: For Plaintiff:

For Defendant: Fish & Richardson, LLP, DLA Piper LLP, Venable LLP, Broosk Kushman LLP, Jenner & Block LLP

Status: Case ongoing

3/2024 – Present **Client: Finnegan, Henderson, Farabow, Garrett, & Dunner, LLP (representing Motorola Mobility LLC)**

Case: Lenovo (UNITED STATES) Inc. and Motorola Mobility LLC (Petitioners) v. Headwater Research LLC. (Patent Owner)

IPR Petition relating to Headwater Research LLC v Motorola Mobility LLC and Lenovo (United States) Inc. Case No. 4:23-cv-04496-JST (N.D. Cal.)

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in these matters involving application-level prioritization across networks.

August 8, 2024 Expert Declaration for ISO IPR Petition regarding US Patent 10,749,700

August 8, 2024 Expert Declaration for ISO IPR regarding US Patent 9,198,076

Attorneys: For Patent Owner:

For Petitioner: Finnegan

Status: Case ongoing

2/2024 – 4/2025 **Client: Bookoff McAndrews LLP (representing Motorola Mobility, LLC)**

Case: Patent Litigation between Ericsson and Motorola/Lenovo in Colombia

Location Testifying expert in these matters involving 5G networking technology.

Expert Declaration:

March 4, 2024 (COLOMBIA) Non-Essentiality and Non-Infringement Technical Opinion regarding CO38083

March 20, 2024 (COLOMBIA) Invalidity Technical Opinion regarding CO38001

March 27, 2024 (COLOMBIA) Non-Infringement Technical Opinion regarding CO38001

March 27, 2024 (COLOMBIA) Non-Infringement Technical Opinion regarding CO36031

March 27, 2024 (COLOMBIA) Non-Infringement Technical Opinion regarding CO37362

April 16, 2024 (COLOMBIA) Non-Infringement and Non-Essentiality Technical Opinion regarding CO37550

April 19, 2024 (COLOMBIA) Non-Essentiality Technical Opinion regarding CO38002

July 19, 2024 (COLOMBIA) Invalidity Technical Opinion Regarding CO38457

Attorneys: For Plaintiff:

For Defendant: Bookoff McAndrews, LLP

Status: Case settled

2/2024 – 5/2025 **Client: Fish & Richardson, LLP (representing Lenovo (United States))**

Case: Certain Cellular Base Station Communication Equipment, Components Thereof, and Products Containing Same
U.S. Int'l Trade Commission Inv. No. 337-TA-1388

U.S. Int'l Trade Commission Inv. No. 337-TA-1397

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION – Administrative Law Judge Hon. Bryan F. Moore

Testifying expert in this patent case involving 5G networking technology

August 7, 2024	Declaration Regarding Claim Construction
August 21, 2024	Rebuttal Declaration Regarding Claim Construction
September 10, 2024	Initial Expert Report Regarding Infringement and Domestic Industry
September 25, 2024	Rebuttal Expert Report Regarding Validity
October 4, 2024	Expert deposition testimony
December 9-10, 2024	Live testimony at 1397 trial.

Attorneys: For Plaintiff:

For Defendant: Fish & Richardson

Status: ITC case settled

2/2024 – Present **Greenberg Traurig LLP (representing Samsung)**

Case: Samsung Electronics Co., Ltd., (Petitioner) v. Asus Technology Licensing Inc. (Patent Owner), IPR2024-00614

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this patent case involving LTE networking technology

March 8, 2024: PTAB Declaration ISO IPR petition

August 12, 2024: PTAB Declaration ISO IPR petition – US Patent 10,785,759

Attorneys: For Patent Owner:

For Petitioner: Greenberg Traurig LLP

Status: Case ongoing

7/2022 – Present **Client: Fish & Richardson LLP (representing LG Electronics, Inc.)**

Case: LG Electronics, Inc. v Invention Investment Fund I, L.P., Invention Investment Fund II, LLC, Intellectual Ventures I, LLC, and Intellectual Ventures II, LLC. Civil Action No. N22C-11-145-SKR-CCLD

Location: SUPERIOR COURT FOR THE STATE OF DELAWARE

Testifying expert in these matters relating to a breach of a License Agreement

April 19, 2024: Opening Expert Report

October 10 – 15, 2024: Live trial testimony

Attorneys: For Plaintiff: Fish & Richardson LLP

For Defendant:

Status: Jury award

1/2024 – Present **Client: Kramer Levin Naftalis & Frankel, LLP (representing Acceleration Bay, LLC.)**

Case: Acceleration Bay, LLC v Amazon Web Services, Inc.

Civil Action No.: 22:904-RGA-SRF

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE – Hon. Richard G. Andrews

Testifying expert in this patent case involving internet data broadcasting.

Expert Declaration:

February 12, 2024: Expert Report Regarding Technology Tutorial of Asserted Patents

May 28, 2024 Live Deposition Testimony

September 23, 2024 Live trial testimony

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: Fisch Sigler LLP

Status: Jury Award

12/2023 – 4/2025 **Kirkland & Ellis LLP (representing Motorola Mobility LLC & Lenovo)**

Case: Certain Mobile Phones, Components Thereof, and Products Containing the Same
U.S. Int'l Trade Commission Inv. No. 337-TA-1375

Certain Electronic Devices, including Mobile Phones, Tablets, Laptops, Components Thereof, and Products Containing the Same
U.S. Int'l Trade Commission Inv. No. 337-TA-1376

Telefonaktiebolaget LM Ericsson v Lenovo (United States), Inc.
Civil Action No. 5:23-cv-569 (E.D.N.C.)

Lenovo (United States) v Telefonaktiebolaget LM Ericsson
Civil Action No. 5:23-cv-570 (E.D.N.C.)

IPR Petition Lenovo (United States) Inc. (Petitioner) v Telefonaktiebolaget LM Ericsson (Patent Owner)

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION
Administrative Law Judge Hon. MaryJoan McNamara

Testifying expert in this patent case involving 5G networking technology.

March 15, 2024 IPR Declaration ISO Petition for IPR Review

April 30, 2024 Expert Report on Invalidity

May 14, 2024 Rebuttal Expert Report Regarding Non-Infringement

May 31, 2024 Deposition Testimony

July 12-15, 2024 Live Testimony at Trial

February 24, 2025 IPR Declaration ISO Petitioner's Reply to Patent Owner's Response

May 25, 2025 Deposition on IPR Declaration

Attorneys: For Plaintiff:

For Defendant: Kirkland & Ellis LLP

Status: Decision pending

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD
Case IPR2024-TBD

March 15, 2024: Declaration in support of Petition for IPR

Attorneys: For Petitioner: Kirkland & Ellis LLP

For Patent Owner:

Status: Case settled

12/2023 – Present **Fish & Richardson LLP (representing Reolink)**

Case: IPR Petition Shenzhen Reolink Technology Co., Ltd., Reolink Innovation Inc., Reolink Innovation Co., Ltd. (China) (Patent Owner) v Throughtek, Co., Ltd. (Patent Owner), Attorney Docket No. 52472-0005IP1

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this patent case involving establishing point-to-point connections between mobile devices.

January 29, 2024: PTAB Declaration ISO IPR petition

Attorneys: For Patent Owner:

For Petitioner: Kirkland & Ellis LLP

Status: Case ongoing

7/2023 – Present **Client: Finnegan, Henderson, Farabow, Garrett, & Dunner, LLP (representing MediaTek)**

Case: U.S. Int'l Trade Commission Inv. No. 337-TA-1367

Certain Electronic Devices and Semiconductor Devices having Wireless Communication Capabilities and Components Thereof

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION – Administrative Law Judge Hon. Bryan F. Moore

Testifying expert in this patent case involving IEEE 802.11 technology.

Expert Reports:

January 18, 2024 Rebuttal expert Report regarding Non-infringement

Videotaped Deposition:

February 15, 2024 Videotaped expert deposition

ITC Trial testimony:

March 24, 2024 Non-infringement witness statement

Attorneys: For Plaintiff:

For Defendant: Finnegan

Status: ITC case ongoing

8/2023 – Present **Kirkland & Ellis LLP (representing TP-Link Technologies Co Ltd.)**

Case: U.S. Int'l Trade Commission Inv. No. 337-TA-1361

In the Matter of Certain Wi-Fi Routers, Wi-Fi Devices, Mesh Wi-Fi Network Devices, and Hardware and Software Components Thereof

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION – Administrative Law Judge Doris Johnson Hines

Testifying expert in these matters involving base station and wireless mesh technology.

November 9, 2023: Expert report concerning Invalidity

November 30, 2023: Expert rebuttal report on Non-Infringement and Technical Domestic Industry

January 22, 2023: Live testimony at ITC trial

Attorneys: For Plaintiff: LLP

For Defendant: Kirkland & Ellis LLP

Status: Trial verdict pending

5/2023 – 9/2024 **Client: Fish & Richardson LLP (representing Samsung Electronics, Co. Ltd.)**

Case: In the Matter of an Arbitration Pursuant to the Rules of the International Court of Arbitration of the International Chamber of Commerce (ICC Case No. 27699/PDP)

Location: INTERNATIONAL CHAMBER OF COMMERCE

Testifying expert in these matters involving international patent arbitration involving IEEE 802.11 technology, between Interdigital and Samsung.

January 8, 2024 Rebuttal expert report

June 18, 2024 Second expert report

Attorneys: For Plaintiff: Alston & Bird LLP

For Defendant: Fish & Richardson LLP

Status: Case settled

10/2022 – 2/2023 **Client: Finnegan, Henderson, Farabow, Garrett & Dunner LLP (representing Samsung Electronics Co. Ltd.)**

Case: IPR Petition relating to Apex Beam Technologies, LLC v. Samsung Electronics, Co. Ltd., Civil Action No. 2:22-cv-00188)

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in these matters involving smart antenna technology.

February 27, 2023: Expert Declaration ISO petition for Inter Partes review

February 28, 2023: "Xia" Expert Declaration ISO petition for Inter Partes review

February 28, 2023: "Liu" Expert Declaration ISO petition for Inter Partes review

Attorneys: For Patent Owner:

For Petitioner: Finnegan, Henderson, Farabow, Garrett & Dunner LLP

Status: Case settled

7/2022 – Present **Client: Russ, August & Kabat LLP (representing Vivato, Inc.)**

Case: XR Communications, LLC d/b/a Vivato Technologies v D-Link Systems, Inc., Civil Action No. 8:17-cv-00596-DOC(JDE)

Location: UNITED STATES DISTRICT COURT FOR THE CENTRAL DISTRICT OF CALIFORNIA – Hon. David O. Carter

Testifying expert in these matters involving smart antenna technology.

Expert Declaration:

August 23, 2022: Rebuttal Expert Report on Validity

August 31, 2022: Deposition testimony

Attorneys: For Plaintiff: Russ, August & Kabat LLP

For Defendant:

Status: Case settled

6/2022 – 1/2024 **Client: Fish & Richardson LLP (representing Samsung Electronics, Co. Ltd.)**

Case: G+ Communications, LLC v Samsung Electronics Co. Ltd. et. al, Civil Action No. 2:22-cv-78

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS – Hon. Rodney Gilstrap

Testifying expert in these matters involving smart antenna technology.

March 13, 2023: Expert Declaration ISO Samsung Defendants' Claim Construction Proposals

June 28, 2023: Opening Expert Report on Invalidity

December 18, 2023: PTAB Declaration ISO IPR Petition

Attorneys: For Plaintiff: Russ, August & Kabat LLP

For Defendant: Fish & Richardson

Status: Jury trial verdict

5/2022 – 6/2023 **Client: Kilpatrick Townsend LLP (representing Apple, Inc.)**

Case: IPR Petition relating to Apple, Inc. v. Mullen Industries LLC, Civil Action No. 6:22-cv-00145

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in these matters involving remote notification devices.

August 8, 2022: Expert Declaration

May 23, 2023: Expert Deposition

Attorneys: For Patent Owner: Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P.C.

For Petitioner: Kilpatrick Townsend LLP

Status: Case settled

3/2022 – 9/2023 **Client: Kirkland & Ellis LLP (representing Samsung Electronics Co. Ltd.)**

Case: California Institute of Technology v Samsung Electronics Co. Ltd., Civil Action No. 2:21-cv-00446

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS – Hon. Rodney Gilstrap

Testifying expert in these matters involving LDPC codes.

November 22, 2022: Declaration regarding claim construction

December 20, 2022: Rebuttal Declaration regarding claim construction

May 22, 2023: Rebuttal expert report on non-infringement

May 31, 2023: Deposition testimony

Attorneys: For Petitioner: Kirkland & Ellis LLP

For Plaintiff: Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P.C.

Status: Case settled

2/2022 – 12/2022 **Client: Fish & Richardson LLP (representing Apple, Inc.)**

Case: Litigation between Ericsson and Apple in Belgium, Brazil, Germany, Netherlands, and Colombia, and US matters:

Ericsson Inc. et. al. v. Apple Inc., Civil Action No. 6:22-cv-00061-ADA

Ericsson Inc., et. al, v. Apple Inc., Civil Action No. 2:21-cv-00376

Apple Inc. v. Telefonaktiebolaget LM Ericsson, et. al., Civil Action No. 2:21-cv-00460

In the Matter of Certain Mobile Phones Tablet Computers, Smart Watches, Smart Speakers, and Digital Media Players, and Products Containing Same.

U.S. Int'l Trade Commission Inv. No. 337-TA-3596

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS WACO DIVISION – Hon. Alan D. Albright

UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS

UNITED STATES INTERNATIONAL TRADE COMMISSION

Testifying expert in these matters involving 5G networking technology.

Expert Declaration:

May 18, 2022 COLOMBIA: Invalidity and Non-Infringement Technical Opinion regarding certain Colombia patents

April 27, 2022 COLOMBIA: Invalidity and Non-Infringement Technical Opinion regarding certain Colombia patents #1

April 27, 2022 COLOMBIA: Invalidity and Non-Infringement Technical Opinion regarding certain Colombia patents #2

March 28, 2022 COLOMBIA: Invalidity and Non-Infringement Technical Opinion regarding certain Colombia patents

March 9, 2022 BRAZIL: Invalidity Technical Opinion regarding Brazil patents

May 26, 2022 BRAZIL: Response to Ericsson Statement regarding Brazil patents

August 25, 2022 BRAZIL: Live testimony before the Brazil Patent and Trademark Office regarding invalidity

November 15, 2022 (COLOMBIA) Invalidity and Non-Infringement Technical Opinion regarding CO37550

Attorneys: For Plaintiff:

For Defendant: Fish & Richardson, LLP

Status: Case settled

1/2022 – 3/2023 **Client: Finnegan LLP (representing Toyota Motor Corp., et. al.)**

Case: Intellectual Ventures I LLC, et. al. v. Toyota Motor Corp., et. al., Civil Action No. 2:21-cv-389

Toyota Motor Corp. (Petitioner) v. Intellectual Ventures II, LLC (Patent Owner) Case No. IPR2022-01355

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS MARSHALL DIVISION –

UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this District Court and PTAB matter involving IEEE 802.11 wireless networking.

Expert Declaration:

January 13, 2023: Marshall Division Declaration on Invalidity

August 25, 2022: PTAB Declaration ISO Petition for IPR

April 8, 2024: PTAB Declaration ISO Petition for IPR2022-00973

Attorneys: For Plaintiff:

For Defendant/Petitioner: Finnegan, LLP

Status: Case settled

9/2021 – 8/2025 **Client: Schulte, Roth & Zabel LLP (representing TrackThings LLC)**

Case: TrackThings LLC v. NETGEAR, Inc. Civil Action No. 22:981-RGA-JLH

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE –

Testifying expert in this District Court matter involving wireless network reconfiguration.

July 9, 2024 Expert Rebuttal report regarding Validity of US Patent Nos. 9,642,017, 9,332,442, and 10,107,893

August 15, 2024 Reply Expert Report regarding infringement

July 9, 2024 Rebuttal Expert Report regarding Validity

October 17, 2024 Deposition testimony

Attorneys: For Plaintiff: Schulte, Roth, and Zabel

For Defendant: Quinn Emanuel

Status: Case settled

9/2021 – 10/2024 **Client: Stroock LLP/Schulte, Roth & Zabel (representing TrackThings LLC)**

Case: TrackThings LLC v. Amazon.com, Inc. and Amazon.com Services LLC, and eero LLC., Civil Action No. 6:21-cv-00720; Civil Action No. 6:23-cv-00133-ADA

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS WACO DIVISION – Hon. Alan D. Albright

Testifying expert in this District Court matter involving wireless network reconfiguration.

March 17, 2023: Expert declaration ISO claim construction responses

February 24, 2023 Rebuttal Expert report regarding Validity

January 25, 2024 Expert report on Infringement

February 9, 2024 Expert report regarding Infringement

March 8, 2024 Rebuttal Expert report regarding Validity

March 29, 2024 Live deposition testimony

October 7, 2024 Live testimony at trial.

Attorneys: For Plaintiff: Schulte, Roth, and Zabel

For Defendant: Quinn Emanuel

Status: Jury verdict.

12/2020 – Present **Client: BlankRome (representing Samsung Electronics Co., Ltd)**

Case: TOT Power Control, S.L. v. Samsung Elecs. Co., Ltd and Samsung Elecs. Am. Inc., Civil Action No. 1:21-cv-01305-MN

IPR Petition relating to TOT Power Control, S.L. v. Samsung Elecs. Co., Ltd and Samsung Elecs. Am. Inc., Civil Action No. 1:21-cv-01305-MN

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

– Hon. Maryellen Noreika

UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this district court and IPR proceeding involving power control methods in wireless systems.

September 12,2022	Expert Declaration regarding IPR for 865 patent
August 23, 2024	Expert Report on Invalidity
October 1, 2024	Expert report on Non-infringement
October 22, 2024	Reply Expert Report on Invalidity
November 8, 2024	Live deposition testimony

Attorneys: For Plaintiff: DLA Piper

For Defendants: Blank Rome

For Patent Owner: Hausfeld, LLP

For Petitioner: Blank Rome

Status: Case ongoing

5/2024 – Present **Client: BlankRome (representing Samsung Electronics Co., Ltd)**

Case: Secure Wi-Fi LLC v. Samsung Elecs. Co., Ltd and Samsung Elecs. Am. Inc., Civil Action No. 2:24-cv-00047

IPR Petition relating to TOT Power Control, S.L. v. Samsung Elecs. Co., Ltd and Samsung Elecs. Am. Inc., Civil Action No. 2:24-cv-00047

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS

Testifying expert in this IPR proceeding involving randomizing MAC addresses in Wi-Fi networks.

September 3, 2024 Expert Declaration regarding IPR for 384 patent

September 3, 2024 Expert Declaration regarding IPR for 005 patent

September 3, 2024 Expert Declaration regarding IPR for 552 patent

Attorneys: For Petitioner: Blank Rome, LLP

Status: Case ongoing

10/2021 – 5/2022 **Client: Finnegan, Henderson, Farabow, Garrett & Dunner, LLP (representing MediaTek Inc.)**

Case: NXP USA, Inc. v. MediaTek Inc., et. al., Civil Action No. 2:21-cv-000318-JRG – Hon. Rodney Gilstrap

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS MARSHALL DIVISION

Testifying expert in this District Court matter involving 802.11n, 802.11ac, and 802.11ax chipsets.

Expert Report:

February 3, 2022 Declaration ISO Defendant's Claim Construction Brief

Attorneys: For Plaintiff: Duane Morris, LLP

For Defendant: Finnegan, LLP

Status: Case settled

09/2021 – 9/2024 **Client: Fish & Richardson, LLP (representing Samsung Electronics Co., Ltd., et. al.)**

Case: Smart Mobile Technologies, LLC v. Samsung Electronics Co., Ltd., et. al., Civil Action No. 6:21-cv-00701-ADA. Hon. Alan D. Albright

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS WACO DIVISION

Testifying expert in this District Court matter involving wireless voice and data transfer.

Expert Report:

June 8, 2022 Declaration ISO Defendant's Claim Construction Brief

Attorneys: For Plaintiff: Hagens Berman Sobol Shapiro, LLP

For Defendant: Fish & Richardson, LLP

Status: Case closed

05/2021 – 6/2021 **Client: Sidley Austin (representing HP Inc. and Microsoft Corporation)**

Case: SynKloud Technologies, LLC v. HP Inc., Civil Action No. 1:19-cv-01360-RGA and Microsoft Corporation v. SynKloud Technologies, LLC, Civil Action No. 1:20-cv-00007-RGA

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

Testifying expert in this District Court matter involving wireless cloud storage.

Expert Report:

June 25, 2021 Declaration ISO Microsoft and HP's Claim Construction Brief

Attorneys: For Plaintiff:

For Defendant: Sidley Austin

Status: Case settled

05/2021 – 5/2022 **Client: DLA Piper (representing Motorola Mobility LLC)**

Case: U.S. Int'l Trade Commission Inv. No. 337-TA-1253

Certain LTE-Compliant Cellular Communication Devices

Motorola v. Evolved Wireless LLC.

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION – Administrative Law Judge Cameron R. Elliot

Testifying expert in this ITC matter involving LTE cellular device handover.

Expert Report:

November 16, 2021 Expert Report on NonInfringement and Lack of Technical Domestic Industry

Expert Testimony:

December 15, 2021 Deposition testimony

Attorneys: For Plaintiff: Nelson Bumgardner Albritton P.C.; Adduci, Mastriani & Schaumberg, LLP

For Defendant: DLA Piper

Status: Case settled

04/2021 – 6/2022 **Client: Desmarais LLP (representing Google LLC and FitBit Inc.)**

Case: Cellspin Soft, Inc. v. Fitbit, Inc., No. 4-17-cv-05928-YGR

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA

Hon. Yvonne Gonzalez Rogers

Testifying expert in this patent case involving the distribution of real-time health data.

Expert Testimony:

October 29, 2021 Expert Report on NonInfringement

Attorneys: For Plaintiff: Garteiser Honea PLLC and Corcoran IP Law PLLC

For Defendant: Desmarais LLP

Status: Case settled. Summary Judgment for Non-Infringement.

3/2021 – 9/2021 **Client: Fish & Richardson (representing Samsung)**

Case: U.S. Int'l Trade Commission Inv. No. 337-TA-1248

Certain Cellular Communications Infrastructure Systems, Components Thereof, and Products Containing Same

U.S. Int'l Trade Commission Inv. No. 337-TA-DN-3525

Certain Cellular Communications Infrastructure Systems, Components Thereof, and Products Containing Same

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION

Testifying expert in this ITC matter regarding 3GPP technology.

Attorneys: For Plaintiff: Winston & Strawn, LLP

For Defendant: Desmarais, LLP

Status: Case terminated in its entirety based on an Initial Determination.

2/2021 – 11/2021 **Client: Fish & Richardson (representing Quectel)**

Client: Axinn, Veltrop & Harkrider LLP (representing Thales DIS AIS USA, LLC)

Client: Pearl Cohen LLP (representing Telit)

Case: U.S. Int'l Trade Commission Inv. No. 337-TA-1240

Certain UMTS and LTE Cellular Communication Modules and Products Containing the Same

Koninklijke Philips N.V. v Quectel Wireless Solutions Co. Ltd., Thales DIS AIS Deutschland GmbH, Thales S.A., Telit Wireless Solutions, Inc., Telit Communications PLC, CalAmp Corp, Xirgo Technologies, LLC, Laird Connectivity, Inc., Thales DIS AIS USA LLC

Case No. 1:20-cv-1713 (D. Del)

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION – Administrative Law Judge Hon. David P. Shaw

Testifying expert on 3GPP mobile device operation.

Expert Testimony:

July 21, 2021	Expert Report on Invalidity
August 6, 2021	Deposition Testimony
October 12, 2021	Live Testimony before ALJ David P. Shaw

Attorneys: For Plaintiff: Mayer Brown LLP

For Defendants: Fish & Richardson; Axinn, Veltrop & Harkrider LLP

Status: Case closed

11/2020– 9/2025 **Client: Orrick, Herrington & Sutcliffe LLP (representing PayPal Holdings, Inc.)**

Case: IOENGINE LLC v PayPal Holdings, Inc.

Civil Action No. 1:18-cv-00452-WCB

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

Hon. William C. Bryson

Testifying expert in this patent case involving peripheral device communication to remote servers.

Expert Testimony:

November 19, 2021 Expert Report on Invalidity

January 7, 2022 Expert Report on Non-Infringement

January 20-21, 2022 Deposition Testimony on Invalidity and Non-Infringement

Status: Case settled

11/2020 – Present **Client: DLA Piper (representing Apple, Inc.)**

Case: Maxell v. Apple Inc. In the Matter of Certain Mobile Electronic Devices and Laptop Computers

U.S. Int'l Trade Commission Inv. No. 337-TA-1215

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION – Administrative Law Judge Hon. Dee Lord

Testifying expert on 3GPP mobile device operation.

Expert Testimony:

February 25, 2021: Opening Expert Report Regarding Invalidity

March 11, 2021: Rebuttal Expert Report regarding NonInfringement and Lack of Technical Domestic Industry

March 24, 2021: Videotaped deposition

Attorneys: For Plaintiff: Mayer Brown LLP

For Defendant: DLA Piper LLP

Status: Case settled

11/2020– 11/2020 **Client: Folio Law Group PLLC (representing Dali Wireless)**

Case: Dali Wireless, Inc. v. John Mezzalingua Associates, LLC d/b/a JMA Wireless and Teko Telecom SRL (an Italian Corporation)

Civil Action No. 19-2367-RGA

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

Testifying expert in this patent case involving distributed antenna system networks.

Expert Testimony:

November 6, 2020: Declaration Regarding Interpretation of Asserted Claims

Status: Case closed

8/2020– 8/2022 **Client: Folio Law Group PLLC (representing Dali Wireless)**

Case: Dali Wireless, Inc. v. Corning Optical Communications, LLC,

Civil Action No. 3:20-cv-06469-EMC

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS – Hon. Edward M. Chen

Testifying expert in this patent case involving distributed antenna system networks.

Expert Testimony:

February 12, 2021: Declaration Regarding Interpretation of Asserted Claims

June 29, 2022: Expert Report on Infringement

August 22, 2022: Deposition Testimony

October 11, 2022: Supplemental Expert Report on Infringement

Status: Case closed

3/2020– 8/2021 **Client: Folio Law Group PLLC (representing Dali Wireless)**

Case: Dali Wireless, Inc. v. CommScope Technologies, LLC and CommScope Holding Company, Inc..

Civil Action No. 1:19-cv-00952-MN

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE – Hon. Maryellen Noreika

Testifying expert in this patent case involving distributed antenna system networks.

Expert Testimony:

June 23, 2021: Expert report on infringement.

August 17, 2021: CORRECTED Reply Expert report on infringement of ’338 Patent

Status: Case closed

03/2020 – 8/2022 **Client: Sidley Austin LLP (representing Lenovo and Motorola)**

Case: InterDigital Technology Corporation, IPR Licensing, Inc., InterDigital Communications, Inc., InterDigital Holdings, Inc., and InterDigital, Inc. v. Lenovo Holding Company, Inc., Lenovo (United States) Inc., and Motorola

Mobility LLC

Civil Action No. 19-1590-LPS

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

Hon. Leonard P. Stark

Testifying expert in this patent case involving 3G and 4G cellular standards.

Expert Testimony:

April 16, 2022 Expert report on Invalidity of ’665 and ’954 patents

June 16, 2022 Expert Report on Invalidity of 8,675,612 and 9,456,449 patents

June 16, 2022 Rebuttal Expert Report on Invalidity of 8,085,665 and 8,427,954 patents

July 17, 2022 Rebuttal expert report regarding non-infringement of ’612 and ’449 patents

July 18, 2022 Rebuttal expert report on non-infringement of ’665 and ’954 patents

August 8, 2022 Rebuttal Expert Report on Invalidity of ’612 and ’449 patents

August 31, 2022 Videotaped expert Deposition

Status: Case closed

3/2020– 5/2022 **Client: Finnegan, Henderson, Farabow, Garrett & Dunner LLC (representing Google)**

Case: IPR Petition Google LLC, v. Sonos, Inc., Case No. IPR2021-01563

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR proceeding involving wireless home speaker systems.

Expert Testimony:

September 27, 2021: Declaration ISO petition for Inter Partes Review

May 10, 2022: Supplemental declaration ISO petition for Inter Partes Review

June 29, 2022: Videotaped deposition testimony

Status: Case closed

08/2019 – 6/2021 **Client: Fish & Richardson (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Cisco, Inc.

Civil Action No. 5:17-cv-00072-BLF-SVK

Location: UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF CALIFORNIA SAN DIEGO DIVISION – Hon. Susan Van Keulen

As a testifying expert, provided a technology tutorial in this patent case involving internet security technology.

Expert Testimony:

August 14, 2019 Tutorial expert report on network security technology.

September 4, 2019 Deposition Testimony

Attorneys: For Plaintiff: Fish & Richardson

For Defendant:

Status: Case settled

8/2019 – 5/2020 **Client: Fish & Richardson (representing LG Electronics, Inc.)**

Case: Bell Northern Research, LLC v. LG Electronics, Inc., et. al.

USDC-SDCA Civil Action No. 18-cv-2864-CAB-BLM

Location: UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF CALIFORNIA – Hon. Cathy Ann Bencivengo, Magistrate Judge: Hon. Barbara L. Major

Testifying expert on wired/wireless communication in gaming systems.

Expert Testimony:

November 20, 2019 Declaration ISO motion for summary judgment

Attorneys: For Plaintiff: Skiermont Derby LLP

For Defendant: Fish & Richardson

Status: Case closed

7/2019 – 05/2021 **Client: O'Melveny & Myers LLP (representing Apple Inc.)**

Case: Maxell, Ltd. v. Apple Inc.,

Case No. 5:19-cv-00036-RWS.

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS TEXARKANA DIVISION – Hon. Robert W. Schroeder III

Testifying expert on 3G cellular telephone technology.

Expert Testimony:

May 7, 2020: Opening Expert Report Regarding Invalidity

June 4, 2020: Rebuttal Expert Report on Non-Infringement

Deposition Testimony: June 24, 2020

Attorneys: For Plaintiff: Mayer Brown LLP

For Defendant: O'Melveny & Myers LLP

Status: Case settled.

4/2019 – Present **Client: Perkins Coie (representing Nintendo of America, Inc.)**

Case: Genuine Enabling Technology LLC v. Nintendo Company Ltd., and Nintendo of America, Inc., W.D. Wash.,

Civil Action No. 2:19-cv-00351-RSM

Location: UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF WASHINGTON – Hon. Ricardo S. Martinez

Testifying expert on wired/wireless communication in gaming systems.

Expert Declarations:

October 23, 2019 Declaration ISO claim constructions

November 26, 2019 Sur-reply declaration ISO claim constructions

January 23, 2020 Declaration ISO motion for summary judgment

April 20, 2020 Opening Expert Report Regarding Invalidity

Expert Depositions:

December 19, 2019

Claim Construction Hearing Testimony:

February 24, 2020 Tutorial testimony on the technology of the Asserted Patents

Attorneys: For Plaintiff: Bayard, P.A.

For Defendant: Perkins Coie

Status: Case ongoing

12/2019 – 12/2019 **Client: Erise IP (representing Apple Inc.), Haynes and Boone, LLP (representing Ericsson Inc)**

Case: Ericsson Inc. (Petitioner) v. Uniloc 2017, LLC (Patent Owner)

Apple Inc. (Petitioner) v. Uniloc 2017, LLC (Patent Owner) Case No. IPR2020-00224

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR proceeding involving ARQ data exchange on LTE networks.

Expert Declarations:

December 16, 2019 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 7,075,917

Attorneys: For Petitioner: Erise IP; Haynes and Boone, LLP

For Patent Owner:

Status: Case closed

6/2019 – 7/2020 **Client: Fish & Richardson (representing Microsoft Corporation)**

Case: Microsoft Corp. (Petitioner) v. Uniloc 2017, LLC (Patent Owner)

Uniloc 2017, LLC v. Microsoft Corp.

USDC Central District of California, Case Nos. 8:18-cv-2053, 8:18-cv-2054, 8:18-cv-2224; 8:19-cv-0428, 8:19-cv-0477, 8:19-cv-0196

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR proceeding involving 3GPP transport formats and channels.

Expert Declarations:

August 6, 2019 Declaration in support of claim construction

Attorneys: For Plaintiff: Feinberg Day LLP

For Defendant: Fish & Richardson

Status: Case settled

2/2019 – 5/2020 **Client: Klarquist Sparkman, LLP (representing Microsoft Corporation)**

Case: Uniloc 2017, LLC v. Microsoft Corp.

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR proceeding involving ARQ data exchange on LTE

networks.

Expert Declarations:

April 14, 2019 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 7,075,917

Attorneys: For Plaintiff:

For Defendant: Klarquist LLP

Status: Case settled

10/2018 – 6/2021 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Eset, Inc.

Civil Action No. 3:17-cv-00183-CAB-BGS

Location: UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF CALIFORNIA SAN DIEGO DIVISION – Hon. Cathy Ann Bencivengo

As a testifying expert, provided a technology tutorial in this patent case involving internet security technology.

Expert Declaration:

October 5, 2018 Tutorial expert report on network security technology.

March 11, 2020 Jury trial testimony.

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant:

Status: Jury Trial Mistrial due to COVID-19.

Case closed.

9/2018 – 6/2021 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Juniper, Inc.

Civil Action No. 15-cv-03295-BLF-SVK

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA SAN JOSE DIVISION – Hon. Beth L. Freeman

As a testifying expert, provided a technology tutorial in this patent case involving internet security technology.

Expert Declaration:

September, 11, 2018 Tutorial expert report on network security technology.

Videotaped Deposition:

November 7, 2018

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant:

Status: Case closed

9/2017 – 9/2018 **Client: (Covington & Burling representing Huawei Device USA, Inc.)**

Case: Optis Wireless Technology, LLC, et. al. v. Huawei Technologies Co. Ltd, et. al.

Civil Action No. 2:17-cv-123-JRG-RSP

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS MARSHALL DIVISION – Hon. Roy S. Payne

Testifying expert regarding 3G and LTE technology.

Expert Declarations and Reports:

November 3, 2017: Declaration regarding Claim Construction.

March 26, 2018: Initial Expert Report Regarding Invalidity

April 23, 2018: Rebuttal Expert Report on Non-Infringement

April 27, 2018: Rebuttal Expert Report on Secondary Considerations

Videotaped Deposition: May 10, 2018

May 14, 2018: Declaration in support of Motion for Partial Summary Judgment

Jury Trial Testimony: August 22, 2018 and August 23, 2018

Attorneys: For Plaintiff: McKool Smith

For Defendant: Covington & Burling

Status: Jury award

6/2017 – 4/2018 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Symantec, Inc.

Civil Action No. 4:14-cv-02998-HSG

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA OAKLAND DIVISION

As a testifying expert, provided a technology tutorial in this patent case involving internet security technology.

Expert Declaration:

July 27, 2017 Tutorial expert report on security technology.

Videotaped Deposition:

August 29, 2017

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: Quinn Emmanuel

Status: Case settled

5/2017 – 3/2018 **Client: Barnes & Thornburg, LLP (representing Ooma, Inc.)**

Case: Ooma, Inc. (Petitioner) v. Deep Green Wireless, LLC (Patent Owner)

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

As a testifying expert, provided a technology tutorial in this patent case involving voice and data communications over wireless networks.

Expert Declaration:

June 8, 2017 Expert report on prior art wireless network technology.

Videotaped Deposition:

February 15, 2018

Attorneys: For Petitioner: Barnes & Thornburg LLP

For Defendant: Mischcon De Reya New York, LLP

Status: Case closed

3/2017 – 6/2019 **Client: Fish & Richardson (representing Apple, Inc.) / Gibson, Dunn & Crutcher LLP (representing Compal Electronics, et. al.)**

Case: Apple Inc. v. Qualcomm Inc.

Qualcomm Inc. v. Compal Electronics, Inc., et. al.

Civil Action No. 3:17-cv-00108 / Civil Action No. 3:17-cv-01010

Location: UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF CALIFORNIA – Hon. Gonzalo P. Curiel, Magistrate Judge: Hon. Mitchell D. Dembin

Testifying expert regarding LTE technology.

Expert Declaration:

December 11, 2017: Declaration regarding Claim Construction.

Expert Report:

June 29, 2018: Opening Expert Report regarding invalidity

August 3, 2018: Expert Report on infringement

October 2, 2018: Rebuttal Expert Report on Invalidity

Videotaped Deposition:

October 25, 2018

None

Attorneys: For Apple: Fish & Richardson

For Qualcomm: Quinn Emanuel Urquhart & Sullivan LLP / Cravath, Swaine & Moore LLP

For Compal Electronics, Inc., et. al: Gibson, Dunn & Crutcher LLP

Status: Case settled.

3/2017 – 1/2018 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Blue Coat Systems, LLC

Civil Action No. 15-cv-03295-BLF-SVK

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA SAN JOSE DIVISION – Hon. Beth L. Freeman

As a testifying expert, provided an opening technology tutorial at trial in this patent case involving internet security technology.

Expert Declaration:

March 29, 2017 Tutorial expert report on security technology.

Videotaped Deposition:

May 2, 2017

October 31 – November 2, 2017: Jury Trial Testimony

January 8-10, 2018: Jury Trial Testimony (retrial after mistrial):

Live Testimony on Network Security Technology Tutorial

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: Morrison & Forrester & Quinn Emmanuel

Status: Jury award

1/2017 – 7/2017 **Client: Foster Pepper LLP (representing Dali Wireless)**

Case: Dali Wireless, Inc. (Petitioner) v. CommScope Technologies, LLC (Patent Owner)

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this patent case involving RF transport networks.

Expert Reports:

4-26-17 Declaration ISO petition for IPR

6-30-17 Declaration ISO Opening claim construction brief

Videotaped Deposition:

July 24, 2017

Status: Case closed

1/2017 – 6/2019 **Client: Dorsey & Whitney LLP (representing Dali Wireless)**

Case: CommScope Technologies, LLC (Plaintiff/Counterclaim Defendant) v. Dali Wireless, Inc. (Defendant/Counterclaim Plaintiff)

Civil Action No.: 3:16-cv-477

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF TEXAS DALLAS DIVISION

– Hon. Barbara M. G. Lynn

Testifying expert in this patent case involving RF transport networks.

Expert Reports:

8-24-18 Expert Report regarding Invalidity of CommScope patents

8-24-18 Expert Report regarding Infringement of Dali Wireless patents

11-5-18 Expert Report regarding Validity of Dali Wireless patents

11-5-18 Expert Report regarding Non-Infringement of CommScope patents

1-9-19 Declaration ISO opposition to MSJ

1-18-19 Declaration ISO partial MSJ on Non-infringement and Invalidity

5-2-19 Declaration ISO Motion for Sanctions

Videotaped Deposition:

November 20, 2018

Live Testimony at Jury Trial:

June 10-13, 2019

Attorneys: For Plaintiff: Dorsey & Whitney, LLC

For Defendant: Carlson Caspers, P.A.

Status: Jury award.

11/2016 – 4/2019 **Client: Boies, Schiller & Flexner LLP (representing Apple Inc.)**

Case: Evolved Wireless, LLC v. Apple, Inc.

Civil Action No.: 1:15-cv-00542-SLR

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE – Hon. Sue L. Robinson

Testifying expert in this patent case involving LTE wireless networks.

Expert Reports:

11-06-17 Declaration ISO Summary Judgment of Validity

10-05-17 Declaration ISO Summary Judgment of Non-Infringment

10-03-17 Supplemental Expert Report on Non-Infringement

07-24-17 Supplemental Expert Report on Secondary Considerations of Non-Obviousness

6-26-17 Expert Report on Non-Infringement

5-22-17 Expert Report on Invalidity

Videotaped Deposition:

August 11, 2017

Live Testimony at Jury Trial:

March 29 - April 1, 2019

Attorneys: For Plaintiff: Boies, Schiller & Flexner LLP

For Defendant: Robins Kaplan LLP

Status: Jury verdict of non-infringement.

7/2016 – 4/2018 **Client: Jackson Walker LLP (representing D&M Holdings, Inc., *et. al.*)**

Case: Sonos, Inc., v. D&M Holdings, d/b/a The D+M Group, D&M Holdings U.S. Inc., and Denon Electronics (USA), LLC

Civil Action No.: 16-0141-RGA

D&M Holdings Inc., d/b/a The D+M Group, D&M Holdings U.S. Inc. v. Sonos, Inc.

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE – Hon. Richard G. Andrews

Testifying expert in this patent case involving wireless speaker networks.

Expert Testimony:

9-11-17 Expert Report on Infringement

6-29-22 Remote Videotaped Deposition

Attorneys: For Plaintiff: Jackson Walker LLP

For Defendant: Potter Anderson & Corroon LLP

Status: Case settled

7/2016 – 1/2018 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Palo Alto Networks, Inc. (Petitioner) v. Finjan, Inc. (Patent Owner)

Case IPR2015-02001, Case IPR2016-00157. US Patent No. 8,225,408 B2

Case IPR2015-01974

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this patent case involving wireless speaker networks.

Expert Declaration:

8-9-16 Expert Declaration, Patent 7,647,633

8-9-16 Expert Declaration, Patent 8,225,408

8-30-16 Supplemental Expert Declaration, 7,647,633

Status: Case settled

5/2016 – 7/2018 **Client: (Winston & Strawn LLP representing Atlantic Broadband Group, LLC, et. al.)**

Case: ChanBond LLC v. Atlantic Broadband Group, LLC, et. al.

Civil Action No: 15-842-RGA, 15-843-RGA, 15-844-RGA, 15-845-RGA, 15-

846-RGA, 15-847-RGA, 15-848-RGA, 15-849-RGA, 15-850-RGA, 15-851-RGA, 15-852-RGA, 15-853-RGA, 15-854-RGA

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE – Hon. Richard G. Andrews

Testifying expert regarding digital cable technology.

Expert Report:

10-24-17 Expert Report on Invalidity

Videotaped Deposition:

None

Attorneys: For Plaintiff: Bayard, P.A.

For Defendant: Winston & Strawn LLP

Status: Case settled

5/2016 – 11/2019 **Client: (Torys LLP representing Telus, Bell, and Rogers)**

Case: Wi-LAN Inc. v Telus Communications Company, Rogers Communications Canada Inc., and Bell Mobility Inc.

Court File No. T-301-16; Court File No. T-303-16; Court File No. T-304-16

Location: CANADIAN FEDERAL COURT – Hon. Mandy Aylen

Testifying expert regarding LTE technology.

Expert Report:

June 14, 2019 Expert Report regarding invalidity

Videotaped Deposition:

None

Attorneys: For Plaintiff: Torys LLP

For Defendant:

Status: Case settled

12/2015 – 4/2016 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Acceleration Bay, LLC.)**

Case: Activision Blizzard, Inc., Electronic Arts Inc., Take-Two Interactive Software, Inc., 2K Sports, Inc., Rockstar Games, Inc., and Bungie, Inc., Petitioner v. Acceleration Bay, LLC, Patent Owner.

Case IPR2015-01951, Case IPR2015-01953, Case IPR2015-01964, Case

IPR2015-01970, Case IPR2015-01996, Case IPR2016-00724, Case IPR2016-00747

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR patent case involving internet data broadcasting.

Expert Declaration:

January 4, 2017 Supplemental Declaration ISO Patent Owner's Response -- Case IPR2016-00724

January 4, 2017 Supplemental Declaration ISO Patent Owner's Response -- Case IPR2016-00747

December 7, 2016 Declaration ISO Patent Owner's Response – Case IPR2016-00724; Secondary Considerations of Non-Obviousness

December 7, 2016 Declaration ISO Patent Owner's Response – Case IPR2016-00747; Secondary Considerations of Non-Obviousness

July 17, 2016 Declaration ISO Patent Owner's Response – Patent 6,714,966; Secondary Considerations of Non-Obviousness

July 17, 2016 Declaration ISO Patent Owner's Response – Patent 6,829,634; Secondary Considerations of Non-Obviousness

July 17, 2016 Declaration ISO Patent Owner's Response – Patent 6,701,344; Secondary Considerations of Non-Obviousness

Videotaped Deposition:

February 7, 2017 and February 8, 2017

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: Winston & Strawn

Status: Cased closed

4/2016 – Present **Client: Kramer Levin Naftalis & Frankel, LLP (representing Acceleration Bay, LLC.)**

Case: Acceleration Bay, LLC v Activision Blizzard, Inc., Electronic Arts Inc., Take-Two Interactive Software, Inc.

Civil Action No.: 14-453 (RGA), 16-454 (RGA), 16-455 (RGA)

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE – Hon. Richard G. Andrews

Testifying expert in this patent case involving internet data broadcasting.

Expert Declaration:

September 24, 2017: Expert Report Regarding Technology Benefits of the Asserted Patents

Videotaped Deposition: January 4, 2018

July 17, 2018: Reply Report Regarding Technology Benefits of the Asserted Patents

April 29 – May 3, 2024 Live Tutorial Testimony at Trial about benefits of Asserted Patents

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: DLA Piper

Status: Jury Award

12/2015 – 9/2016 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Sophos, Inc.

Civil Action No. 3:14-cv-01197-WHO

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA SAN FRANCISCO DIVISION – Hon. William H. Orrick

As a testifying expert, provided a technology tutorial in this patent case involving internet security technology.

Expert Declaration:

December 21, 2015 Tutorial expert report on network security technology.

Videotaped Deposition:

February 22, 2016

September 5 – 9, 2016 Jury Trial:

Live Testimony at Jury Trial regarding tutorial on network security

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: DLA Piper

Status: Jury Trial

9/2015 – 2/2016 **Client: Brinks Gilson & Lione (representing LifeWatch Services, Inc., and Card Guard Scientific Survival, Ltd.)**

Case: Card Guard Scientific Survival Ltd.

Reexam Control No. 12/706,541

Location: UNITED STATES PATENT AND TRADEMARK OFFICE

Provided testimony in this Patent Office re-examination appeal.

Expert Declaration:

November 13, 2015 Declaration under 37 C.F.R §1.132.

February 13, 2016 Declaration ISO petition for IPR.

Attorneys: For Plaintiff: Brinks Gilson & Lione

Status: Re-examination appeal decision invalidated the patent.

9/2015 – 1/2017 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Proofpoint, Inc. and Armorize Technologies, Inc.

Civil Action No. 13:cv-03999-BLF

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA SAN JOSE DIVISION – Hon. Howard R. Lloyd, Hon. Haywood S. Gilliam, Jr.

As a testifying expert, provided an opening technology tutorial report in this patent case involving internet security technology.

Expert Declaration:

October 7, 2015 Tutorial expert report on network security technology.

Videotaped Deposition:

November 6, 2015

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: Quinn Emanuel

Status: Case settled

8/2015 – 12/2015 **Client: Brinks Gilson LLP (representing ZTE Corporation and ZTE (USA), Inc.)**

Case: Inter-System Handover of a Mobile Terminal Operable with a First and a Second Radio Access Network

ZTE v. Vringo Infrastructure, Inc.

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE

PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR proceeding involving 3GPP cellular technology.

Expert Declarations:

08-28-15 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 7,126,940

09-04-15 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 7,242,943

09-04-15 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 7,558,283

09-04-15 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 8,812,000

09-04-15 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 7,724,720

10-12-15 Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 7,242,933

Videotaped Deposition:

None

Attorneys: For Plaintiff:

For Defendant: Brinks Gilson, LLP

Status: Case settled.

11/2014 – 3/2024 **Client: Fish & Richardson (representing Regents of the University of Minnesota)**

Case: Regents of the University of Minnesota v. AT&T Mobility, LLC, Sprint Solutions, Inc., T-Mobile USA, Inc., Cellco Partnership d/b/a Verizon Wireless

Civil Action No. 14-cv-4666

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF MINNESOTA – Hon. Tony N. Leung

Testifying expert on 3GPP error correction coding, precoding, and modulation.

February 10, 2023 Expert Report regarding Objective Indicia relating to Validity

May 12, 2023: Expert Deposition

April 14, 2023: Rebuttal Expert Report regarding Validity

September 25, 2024 Supplemental Rebuttal Expert Report regarding Validity

October 2, 2024 Expert Deposition

Attorneys: For Plaintiff: Fish & Richardson

For Defendant:

Status: Case settled

10/2014 – 2/2015 **Client: Alston & Bird (representing Microsoft Corporation)**

Case: Microsoft Corporation. v. IPR Licensing, Inc.

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR proceeding involving cellular technology.

Expert Declarations:

October 16, 2014 Supplemental Declaration ISO Petition for Inter Partes Review of U. S. Patent No. 8,380,244

September 25, 2024 Supplemental Rebuttal Expert Report regarding Validity

Attorneys: For Plaintiff: Fish & Richardson LLP

For Defendant:

Status: Case settled

9/2014 – 4/2015 **Client: Reed & Scardino, LLP (representing Mobile Telecommunications Technologies, LLC)**

Case: Mobile Telecommunications Technologies LLC v. Amazon.com, Inc.

Civil Action No. 2:13-CV-883-JRG-RSP

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS MARSHALL DIVISION – Hon. Roy S. Payne

Testifying expert in this patent case involving package delivery notification systems and reliable delivery of wireless messages.

Expert Reports:

4-06-15 Second Supplemental Expert Report on Infringement

2-10-15 Expert Report on Infringement

2-24-15 Supplemental Expert Report on Infringement

Videotaped Deposition:

2-25-15

Declaration:

3-20-15 Declaration ISO Response to Opposition Motion

Attorneys: For Plaintiff: Reed & Scardino LLP

For Defendant: Greenberg Traurig LLP

Status: Case settled

5/2014 – 7/2015 **Client: Kramer Levin Naftalis & Frankel, LLP (representing Finjan, Inc.)**

Case: Finjan, Inc. v. Blue Coat Systems, Inc.

Civil Action No. 3:13-cv-03999-BLF

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA SAN JOSE DIVISION – Hon. Beth L. Freeman

As a testifying expert, provided an opening technology tutorial at trial in this patent case involving internet security technology.

Expert Declaration:

January 12, 2015 Tutorial expert report on security technology.

Videotaped Deposition:

March 18, 2015

Live Jury Trial Testimony: July 20, 2015.

Live Bench Trial on Laches Testimony: September 8, 2015

Attorneys: For Plaintiff: Kramer Levin, Naftalis, & Frankel LLP

For Defendant: Wilson Sonsini

Status: Jury award.

4/2014 – 12/2014 **Client: Reed & Scardino, LLP (representing Mobile Telecommunications Technologies, LLC)**

Case: Mobile Telecommunications Technologies LLC v. United Parcel Service, Inc.

Civil Action No. 1:12-cv-03222-AT

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF GEORGIA ATLANTA DIVISION – Hon. Amy Totenberg

Testifying expert in this patent case involving package delivery notification

systems.

Expert Reports:

7-3-14 Opening Expert Report regarding Infringement

8-11-14 Rebuttal Expert Report regarding Infringement

Videotaped Depositions:

10-7-14

Declaration:

11-24-14 Declaration ISO Response to MSJ

Attorneys: For Plaintiff: Reed & Scardino LLP

For Defendant: Alston & Bird LLP

Status: Case settled.

12/2013 – 9/2015 **Client: Brinks Gilson & Lione LLP (representing ZTE Corp, and ZTE (USA), Inc.)**

Case: ZTE Corporation and ZTE (USA) Inc. v. InterDigital Technology Corporation

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this IPR proceeding involving cellular technology.

Expert Declarations:

3-21-14 Declaration in support of the Petition for Inter Partes Review of U. S. Patent No. 8,380,244

Attorneys: For Plaintiff: Brinks Gilson & Lione

For Defendant: Latham & Watkins, LLP

Status: IPR Hearing before PTAB: All disputed claims are unpatentable.

12/2013 – 4/2014 **Client: Kramer Levin Naftalis & Frankel LLP (representing Sirius XM Radio Inc.)**

Case: Catch a Wave Technologies, Inc. v. Sirius XM Radio Inc.

Case No. 3:12-cv-05791-WHA

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA SAN FRANCISCO DIVISION – Hon. William Alsup

Testifying expert in this patent case involving satellite radio systems.

Expert Reports:

2-14-2014 Expert Report regarding non-infringement

Attorneys: For Plaintiff: Freitas Tseng & Kaufman LLP

For Defendant: Kramer Levin LLP

Status: Case settled

2/2013 – 7/2016 **Client: Reed & Scardino, LLP (representing Mobile Telecommunications Technologies, LLC)**

Case: Mobile Telecommunications Technologies LLC v. BlackBerry Corporation.

Civil Action No. 3:12-cv-1652-M

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF TEXAS DALLAS DIVISION – Hon. Barbara M. G. Lynn

Testifying expert in this patent case involving package delivery notification systems.

Expert Reports:

9-3-15 Expert Report on Infringement

Videotaped Depositions:

November 18, 2015

Live Testimony at Jury Trial: July 13, 2016.

Attorneys: For Plaintiff: Baker Botts, LLP

For Defendant: Reed & Scardino LLP

Status: Jury verdict of non-infringement.

9/2013 – 1/2014 **Client: Reed & Scardino, LLP (representing Mobile Telecommunications Technologies, LLC)**

Case: Mobile Telecommunications Technologies, LLC v Clearwire Corporation

Civil Action No. 2:12-CV-308

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS MARSHALL DIVISION – Hon. Roy S. Payne

Testifying expert in this patent case involving wireless networking signals.

Expert Reports:

11-11-13 Rebuttal report regarding validity

Videotaped Depositions:

12-5-13

Declarations:

1-23-14 Declaration before the Patent Trial and Appeal Board in Case IPR2013-00306

Attorneys: For Plaintiff: Reed & Scardino LLP

For Defendant: Shook, Hardy & Bacon, LLP

Status: Case settled

10/2013 – 5/2015 **Client: Foley & Lardner, LLP (representing Motorola Mobility, LLC)**

Case: University of Florida Research Foundation Inc., and Rapid Mobile Technologies, Inc. v Motorola Mobility, LLC.

Case No. 13-cv-61120-KMM-EGT

Location: UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF FLORIDA FORT LAUDERDALE DIVISION – Hon. K. Michael Moore, Magistrate Judge: Hon. Edwin G. Torres

Testifying expert in this patent case involving mobile device testing systems.

Expert Reports:

None.

Declarations:

11-21-13 Declaration ISO Motorola's Responsive Claim Construction Brief

Attorneys: For Plaintiff: Meltzer & Meksraitis

For Defendant: Foley & Lardner LLP

Status: Case settled

7/2013 – 6/2015 **Client: WilmerHale (representing Broadcom)**

Case: Inter Partes Review of US Patent 6,424,625; 6,772,215; and 6,466,568 owned by Ericsson

Docket No. 0111168-0240

Location: UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

Testifying expert in this Inter Partes Review regarding ARQ mechanisms.

Expert Declarations:

9-19-13 Declaration regarding US Patent 6,772,215

9-19-13 Declaration regarding US Patent 6,466,568

9-29-13 Declaration regarding US Patent 6,424,625

Videotaped Deposition:

5-29-14, and 5-30-14

Attorneys: For Plaintiff: Meltzer & Mathis

For Defendant: Wilmer Cutler Pickering Hale and Dorr LLP

Status: IPR Petition granted. All claims invalidated

4/2013 – 4/2015 **Client: Kilpatrick Townsend & Stockton LLP (representing Google Inc. and Motorola Mobility LLC)**

Case: Fujifilm Corporation v. Motorola Mobility LLC

Case No. 3:12-cv-03587 WHO

Location: UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF CALIFORNIA SAN FRANCISCO DIVISION – Hon. Richard Seeborg

Testifying expert in this patent case involving smartphone technology and video codecs.

Expert Declarations:

4-23-14 Declaration ISO Motion for Protective Order

12-9-14 Declaration ISO MSJ

Expert Reports:

10-3-14 Opening Expert Report Regarding Invalidity

10-31-14 Rebuttal Expert Report on non-infringement

10-31-14 Appendix A to Rebuttal Report of Dr. Alan Bovik

Videotaped Deposition:

11-19-14, and 11-20-14

Trial Testimony:

April 28, 2015 Non-infringement and invalidity of ’970 Patent

Attorneys: For Plaintiff: Morgan, Lewis & Bockius LLP

For Defendant: Kilpatrick Townsend & Stockton LLP

Status: Jury verdict: ’970 Patent claims not infringed and invalid.

2/2013 – 10/2013 **Client: Seyfarth Shaw LLP (representing Motorola Mobility LLC)**

Case: University of Florida Research Foundation, Inc. and Rapid Mobile Technologies, Inc. v. Motorola Mobility LLC

Civil Action No. 13-cv-61120-KMM-EGT

Location: UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF FLORIDA – Hon. K. Michael Moore, Magistrate Judge: Hon. Edwin G. Torres

Testifying expert in this employment law case involving mobile device testing systems.

Expert Reports:

3-1-13 Expert Report regarding Non-Infringement

4-1-13 Declaration in Opposition to Plaintiff’s MSJ

Attorneys: For Plaintiff: Meltzer & Mathis

For Defendant: Seyfarth Shaw LLP

Status: Case settled

5/2012 – 4/2013 **Client: Paul Hastings LLP (representing Apple, Inc.)**

Case: SmartPhone Technologies, LLC v Research in Motion Corporation, et. al.

Case No. 6:10-cv-00074

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. John D. Love

Testifying expert in this patent case involving 3GPP technology.

Expert Reports:

12-31-12 Appendix A to Rebuttal Expert Report of Dr. David Wilson

3-13-13 Appendix A to Supplemental Expert Report of Dr. David Wilson

Attorneys: For Plaintiff: Mintz Levin Cohn Ferris Glovsky and Popeo PC

For Defendant: Paul Hastings LLP

Status: Case settled

8/2012 – 9/2013 **Client: Reed & Scardino, LLP (representing EON Corp. IP Holdings, LLC)**

Case: EON Corp. IP Holdings, LLC v. SKYGUARD, LLC et. al.

Case No. 6:11-cv-00015-LED

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. John D. Love

Testifying expert in this patent case involving RF technology for WiFi networking.

Expert Reports:

2-15-13 Expert Report regarding Infringement

Videotaped Deposition:

4-09-13

Attorneys: For Plaintiff: Reed & Scardino, LLP

For Defendant: K&L GATES LLP

Status: Case settled

5/2012 – 6/2014 **Client: Reed & Scardino LLP (representing Eon Corp. IP Holdings)**

Case: Eon Corp. IP Holdings, LLC v. Landis+Gyr, Inc., et. al.

Case No. 6:09-cv-00317-LED-JDL

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. John D. Love

Testifying expert in this patent case involving two-way wireless networks, before Judge Love.

Expert Report:

7-8-13 Expert Report regarding Infringement by Silver Spring Networks, Inc.

7-8-13 Expert Report regarding Infringement by Itron, Inc.

Videotaped Deposition: September 12, 2013

Live Testimony at Jury Trial: June 2, 2014 – June 6-2014

Attorneys: For Plaintiff: Reed & Scardino LLP

For Defendant: Dentons, LLP

Status: Jury award. All patents found valid and infringed.

3/2012 – 3/2014 **Client: Perkins Coie (representing Intel Corporation)**

Case: Stragent LLC, et. al. v. Intel Corp.,

Case No. 6:11-cv-421-LED (E.D. Tex.)

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. Timothy Dyk, Hon. John D. Love

Testifying expert in this patent case involving the use of error detection technology in computer networking, before Judge Dyk.

Expert Reports:

08-23-13 Expert Report regarding Invalidity

09-23-13 Expert Report regarding Non-Infringement

Videotaped Deposition:

10-08-13, and 10-09-13

Jury trial testimony:

3-13-2014 Live trial testimony on non-infringement and invalidity before Judge Timothy Dyk

Attorneys: For Plaintiff: Nelson, Bumgardner & Casto

For Defendant: Perkins Coie

Status: Jury verdict for non-infringement and invalidity

2/2012 – 09/2015 **Client: Dewey & LeBoeuf LLP (representing Harris Corporation)**

Case: Harris Corporation v. Ruckus Wireless, Inc.

Case No. 6:11-cv-00618-CEM-CRS

Location: UNITED STATES DISTRICT COURT FOR THE MIDDLE DISTRICT OF FLORIDA ORLANDO DIVISION – Hon. Charlene Edwards Honeywell

Testifying expert in this patent case involving RF technology for WiFi networking.

Expert Reports:

3-5-12 Expert Report regarding Infringement

3-6-12 Supplemental Expert Report regarding Infringement

4-6-12 Expert Report regarding Validity

Declarations:

5-30-12 Declaration ISO Claim Construction

6-18-12 Declaration ISO Markman Motion

1-23-15 Declaration ISO Responsive Markman Brief

3-6-15 Supplemental Expert Report regarding Infringement

4-3-15 Rebuttal Expert Report regarding Validity

Videotaped Deposition:

4-30-12

Attorneys: For Plaintiff: Dewey & LeBeouf LLP

For Defendant: Lewis and Roca LLP

Status: Case settled

2/2012 – 2/2013 **Client: Common-Interest-Group (representing Nokia, Huawei, ZTE)**

Case: InterDigital Communications LLC, et. al. v. Huawei Tech Co., LTD., et. al.

Certain Wireless Devices With 3G Capabilities and Components Thereof

U.S. Int'l Trade Commission Inv. No. 337-TA-800

Location: UNITED STATES INTERNATIONAL TRADE COMMISSION – Administrative Law Judge Hon. David P. Shaw and Administrative Law Judge Hon. Theodore R. Essex

Testifying expert in this patent case involving 3G wireless, WiFi, and WCDMA technology.

Expert Reports:

11-30-12 Expert Report regarding Non-infringement

7-31-12 Expert Report regarding Invalidity

11-19-10 Rebuttal Expert Report regarding Validity

12-6-10 Supplemental Expert Report regarding Infringement

Videotaped Deposition:

12-14-12, 12-15-12

ITC Trial testimony:

2-6 through 2-15/13 Non-infringement and Invalidity witness statements, live testimony

Attorneys: For Plaintiff: Latham & Watkins, LLP

For Defendant: Alston & Bird, Covington & Burling, Brinks Hofer

Status: ITC hearing verdict: All patents not infringed and invalid

9/2010 – 4/2011 **Client: Reed & Scardino LLP (representing Eon Corp. IP Holdings)**

Case: Eon Corp. IP Holdings, LLC v. Sensus USA, Inc., et. al.

Case No. 6:09-cv-00116-LED-JDL

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. John D. Love

Testifying expert in this patent case involving two-way wireless networks

Expert Report:

10-22-10 Expert Report regarding Infringement (Sensus USA, Inc)

11-7-10 Expert Report regarding Infringement (Bell Industries)

11-19-10 Rebuttal Expert Report regarding Validity

12-6-10 Supplemental Expert Report regarding Infringement

Declaration:

12-28-10, 1-18-11

Videotaped Deposition:

12-8-10, 2-3-11

Attorneys: For Plaintiff: Reed & Scardino LLP

For Defendant: Jones Day

Status: Case settled

10/2009 – 2/2010 **Client: White & Case LLP (representing Marvell)**

Case: Marvell Semiconductor, Inc., et. al. v. Commonwealth Scientific Industrial Research Organisation

Case No. 6:07-CV-204 (LED)

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. Leonard Davis

Testifying expert in this patent case involving wireless LAN protocols.

Expert Report:

11-24-09 Rebuttal Expert Report

Videotaped Deposition:

01-07-10

Attorneys: For Plaintiff: White & Case LLP

For Defendant: Townsend and Townsend and Crew LLP

Status: Case settled

9/2009 – 2/2010 **Client: Perkins Coie Brown & Bain PA (representing Intel)**

Case: Saxon Innovations, LLC v. Apple, Inc., et. al.

Case No. 6:08-cv-00265-LED

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. John D. Love

Testifying expert in this patent case involving wireless technology.

Declarations:

12-04-09 Declaration Regarding Claim Construction

Videotaped Deposition:

01-19-10

Attorneys: For Plaintiff: Susman Godfrey LLP

For Defendant: Perkins Coie Brown & Bain LLP

Status: Case settled

8/2008 – 10/2009 **Client: Reed & Scardino LLP (representing Eon Corp. IP Holdings)**

Case: Eon Corp. IP Holdings, LLC v. Verizon Clinton Center Drive Corp., et. al.

Case No. 6:08-cv-00385

Location: UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. John D. Love

Testifying expert in this patent case involving two-way wireless networks

Expert Report:

06-22-10 Expert Report
08-16-10 Supplemental Expert Report

Videotaped Depositions:
08-18-10, 08-26-10

Attorneys: For Plaintiff: Reed & Scardino LLP

For Defendant: Simpson Thacher & Bartlett LLP

Status: Case settled

4/2008 – 3/2009 **Client: McDermott, Will & Emery LLP (representing GE Licensing)**

Case: CIF Licensing, LLC d/b/a GE Licensing v. Agere Systems, Inc.

Case No. 07-170 (JJF)

Location: UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE – Hon. Joseph. J. Farnan, Jr.

Testifying expert in this patent case involving modem technology.

Expert Report:

09-05-08 Rebuttal Expert Report

Non-videotaped Depositions:
9-24-08, 9-26-08

Jury trial testimony:

2-04-09

Attorneys: For Plaintiff: McDermott, Will & Emery LLP

For Defendant: Townsend and Townsend and Crew LLP

Status: Jury award. 2 patents infringed and valid, remaining 2 patents non-infringed

2/2008 – 5/2010, 2/2011 – 4/2011 **Client: Simpson Thacher & Bartlett LLP (representing Cisco Systems, Inc.)**

Case: Commil USA, LLC v. Cisco Systems, Inc., et. al.

Case No. 2:07-CV-341-DF-CE

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS MARSHALL DIVISION – Hon. Charles Everingham IV

Testifying expert on invalidity regarding short range communication protocols.

Opening Expert Report

12-23-09

Videotaped Depositions:

02-09-10

Attorneys: For Plaintiff: Sayles Werbner

For Defendant: Simpson Thacher & Bartlett LLP

Status: Jury award for original trial and retrial: patents found valid and infringed.

6/2007 – 4/2009 **Client: Common Interest Group of Co-Defendants**
11/2010 – 4/2012 **Client: Common Interest Group of Co-Defendants**

Case: Commonwealth Scientific and Industrial Research Organisation v. Toshiba America Information Systems, Inc., et. al.

Case No. 6:06-cv-00550-LED

Case No. 6:09-CV-0399 (LED)

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS TYLER DIVISION – Hon. Leonard Davis

Testifying expert in this patent case involving wireless LAN technology.

Declarations:

06-05-08 Regarding claim construction

12-17-08 Supporting opposition to summary judgment

04-05-09 Supporting motion for reconsideration

02-24-12 Supporting opposition to summary judgment

Expert Reports:

10-08-08 Rebuttal Expert Reports- Re: TI Chips, Re: Marvell Chips, Re: Airgo Chips, Re: Broadcom Chips, Re: Conexant Chips, Re: Ralink Chips, Re: Atheros Chips

01-27-12 Rebuttal Expert Reports- Re: TI Chips, Re: Broadcom Chips, Re: Ralink Chips, Re: Atheros Chips

Videotaped Depositions:
11-1-08, 11-2-08, 02-14-12

Attorneys: For Plaintiff: Townsend & Townsend LLP

For Defendant: Keker & Van Nest, LLP

Status: Jury trial: patents found valid and infringed.

10/2006 – 8/2009 **Client: Keker & Van Nest (representing Comcast Corporation)**

Case: Rembrandt Technologies, Inc. v. Comcast Corporation

Case No. 2-05-CV-000443 (TJW)

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS MARSHALL DIVISION – Hon. T. John Ward

Testifying expert in this patent case involving physical layer and data link layer communication protocols for cable networks.

Declaration:

01-10-07 Support of Claim Construction Brief

Videotaped Deposition:

12-22-06 Regarding claim construction opinions

Attorneys: For Plaintiff: McKool Smith

For Defendant: Keker & Van Nest

Status: Case settled

3/2007 – 5/2007 **Client: Niro, Scavone, Haller and Niro (representing MLR, LLC)**

Case: MLR, LLC v. Kyocera Wireless Corporation and Novatel Wireless, Inc.

Case No. 05-CV-0935 B (AJB)

Location: UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF CALIFORNIA

Testifying expert in this patent case involving cellular phone technology.

Expert Report:

04-20-07 Expert Report regarding infringement

Attorneys: For Plaintiff: Niro, Scavone, Haller, and Niro

For Defendant: Hogan & Hartson, LLP

Status: Case settled

6/2006 – 10/2006 **Client: Thompson & Knight (representing Ericsson, Inc.)**

Case: Fenner Investments, Ltd., v. Juniper Networks, Inc. et. al.
Case No. 2:05–CV–05 JDL

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF TEXAS MARSHALL DIVISION

Testifying expert in this patent case involving wireless communications services.

Expert report regarding infringement and invalidity

5-23-06 Rebuttal expert report regarding infringement and invalidity

Attorneys: For Plaintiff: Fulbright & Jaworski

For Defendant Ericsson: Thompson & Knight

Status: Case settled

12/2003 – 5/2006 **Client: Howrey LLP/ Winston & Strawn LLP (representing McKesson Information Solutions, Inc.)**

Case: McKesson Information Solutions, Inc. vs. Bridge Medical, Inc.
Case No. CIV S-02-2669 FCD KJM

Location: UNITED STATES DISTRICT COURT EASTERN DISTRICT OF CALIFORNIA – Hon. Peter A. Nowinski

Testifying expert in this patent case involving a patient on a patient identification and verification system that incorporates wireless technology.

Inequitable Conduct Trial live testimony:
5-04-06

Markman Hearing live testimony:
6-29/30-05

Videotaped Depositions:
2-14-04, 6-3-05

Declarations:
12-1-03 Dec. in support of MISI's Opening/Opposition re Claim Construction
12-24-04 Dec. in support of MISI's Motion for Preliminary Injunction
3-1-04 Dec. in support of Claim Construction
6-29-04 Dec. re meaning of "Communication"
7/15/05 Dec. in support of MISI's Opposition to Bridge's Motion for Summary Judgment

Attorneys: For Defendant: Morrison & Foerster

For Plaintiff: Howrey Simon, Winston & Strawn, Morgan Lewis

Status: Bench trial on inequitable conduct: Verdict found inequitable conduct.

07/2003–02/2006 **Client: Heller Ehrman LLP (representing Texas Instruments, Inc.)**

Case: Texas Instruments, Inc. and Stanford University vs. GlobespanVirata, Inc.

Provided discovery of evidence used at trial, concerning the structure and operation of Globespan's ADSL products, and supported litigators in depositions of Globespan engineers.

Attorneys: For Plaintiff: Heller Ehrman

For Defendant: Covington & Burling, LLP

Status: Jury award.

Patents

Patent Number	Date Issued	Title
11,748,764	September 5, 2023	Light-based Data Entry for Personal Inventory and Product Support System
10,332,121	June 25, 2019	Light-based Data Entry for Personal Inventory and Product Support System
9,978,037	May 22, 2018	Personal inventory and product support system
8,995,996	March 31, 2015	Methods and apparatus for performance optimization of heterogeneous wireless system communities
8,935,580	January 13, 2015	Multimedia-aware quality-of-service and error correction provisioning
8,468,426	June 18, 2013	Multimedia-aware quality-of-service and error correction provisioning
8,189,538	May 29, 2012	Reconfiguration of a communication system
8,144,640	March 27, 2012	Location tracking in a wireless communication system using power levels of packets received by repeaters
8,064,380	November 22, 2011	Reconfiguration of a communication system
8,027,637	September 27, 2011	Single frequency wireless communication system
7,957,741	June 7, 2011	Token-based receiver diversity
7,876,704	January 25, 2011	Tunneling protocols for wireless communications
7,689,210	March 30, 2010	Plug-n-playable wireless communication system
7,672,274	March 2, 2010	Mobility support via routing
7,668,542	February 23, 2010	Token-based receiver diversity
7,515,557	Apr 7, 2009	Reconfiguration of a communication system
7,236,470	Jun 26, 2007	Tracking multiple interface connections by mobile stations
7,149,196	Dec 12, 2006	Location tracking in a wireless communication system using power levels of packets received by repeater

6,965,769	Nov 15, 2005	Testing Center
6,862,448	Mar 1, 2005	Token-based receiver diversity
6,788,658	Sep 7, 2004	Wireless communication system architecture having split MAC layer
6,760,318	Jul 6, 2004	Receiver diversity in a communication system
6,557,134	Apr 29, 2003	ARQ method for wireless communication
6,259,911	Jul 10, 2001	Network operations center hardware and software design

Education

Year	College/University	Degree
1993	Stanford University	PhD, Electrical Engineering Thesis: "Trellis Coding for Multi-Level, Partial-Response Continuous Phase Modulation with Precoding"
1988	Stanford University	MS, Electrical Engineering
1985	Rensselaer Polytechnic Institute	BS, Computer and Systems Engineering

Publications

Goldhamer, M., Grandblaise, D., Bims, H., Feng, S., Piggin, P., Sydor, J., and Wu, X. "Coexistence between 802.16 Systems Operating in Shared Bands", *Radio Resource Management in WiMAX,* John Wiley & Sons, 2009.

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Bims, H. and Cioffi, J. "Trellis Coding with M-ary MSK Constraints", *GLOBECOM '89*, Dallas TX. Nov. 1989.

Professional Associations and Achievements

- Jan 2009 – Present Vice-Chair and Board of Directors, Menlo Park Chamber of Commerce
- Nov 2007 – Sep 2010 Vice-Chair and Secretary, IEEE 802.16h License Exempt Group
- Feb 2002 – Jan 2011 Member, City of Menlo Park Planning Commission (2006 Chairperson, 2005 Vice-Chairperson)
- Feb 2012 – Present Senior Member, IEEE
- Jan 2000 – Dec 2000 Chair, IEEE Engineering Management Society – Silicon Valley Chapter
- Jun 1985 - Jun 1991 AT&T Bell Laboratories Cooperative Research Fellow