

# Nader F. Mir

Curriculum Vitae (CV) - Last Update: Sep. 1, 2023

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## Education

- *Ph.D.* Degree: May 1995, Doctor of Science in Electrical Engineering, Washington University.  
*Research Concentration:* Analysis of High-Speed Switching Systems in Computer Networks
- *M.Sc.* Degree: Dec. 1990, Master of Science in Electrical Engineering, Washington University.  
*Specialization:* Design and Analysis of Computer and Communication Networks and Protocols.
- *B.Sc.* Degree: May 1985, Bachelor of Science in Electrical Engineering, Polytechnic University.  
*Concentration:* Communications Electronics.  
*Rank:* top 5%.

## Areas of Specialization

- Computer Networks/Protocols, TCP/IP, Virtualization, AI, Cloud Data Centers, Net. Security
- Internet Applications, Web, VoIP, Video Streaming, Multimedia Signaling/Networking, and CDNs
- Networking Devices, Switches, Routers, Gateways, Virtual Switches, SDN and NFV Devices
- Signaling in Wireless Mobile and Telecommunication Networks: SIP, IoT, and Wireless Sensor Networks.

## Professional Career Summary

- August 2005 to Present:
  - *Full Professor* (2005-present), Dept. of Electrical Eng., San Jose State University (SJSU), California.
  - *Department Associate Chair* (2006 – 2008), Department of Electrical Engineering, SJSU, California.
  - *Director* (2006 – 2017), University's graduate programs offered to three Silicon Valley companies.
  - *Patent Litigation Consultant* (since 2006), for various leading technology corporations (ie Google, Netflix)
- August 2001 to July 2005:  
*Associate Professor*, Department of Electrical Engineering, San Jose State University, California.
- August 1996 to July 2001:  
*Assistant Professor*, Department of Electrical & Computer Eng., University of Kentucky, Lexington, KY.
- January 1995 to June 1996:  
*Research Scientist Engineer:* in charge of analyzing communications and high-speed computer networking projects, Advanced Telecommunications Institute, Stevens Institute of Technology, Hoboken, New Jersey.
- September 1989 to January 1995:  
*Research Assistant*, Computer & Communications Research Center, Washington University, St. Louis.
- May 1985 to December 1988:  
*Telecomm R&D Engineer* (in charge of engineering projects in telecommunication engineering), Telecommunication Research & Development Center (TRDC), Surrey.

## CONSULTING, INDUSTRY, AND MANAGEMENT EXPERIENCE

### Patent Litigation Expert Witness Consultant

Dec. 2006 – present. Retained in patent litigation matters and experienced in:

- Analysis of patent claims
- Prior art search for patent invalidity
- Technology examination for infringement
- Patent infringement contention
- Claim construction assistance to counsel
- Claim charts on invalidity
- Invalidity Declarations (IPR, EPR, PGR)
- Expert report: infringement/non-infringement
- Rebuttal report (Various Courts and ITC)
- Markman process and testimony
- Deposition testimony
- Court testimony

Disclosable cases and periods engaged in:

#### 1. Case: Cisco v. Portsmouth

Date: January 2024 – present  
Type: Patent Invalidity – *Inter Partes Review* (IPR)  
Worked on: Petitioner side (Cisco)  
Law Firm: Haynes and Boone, LLP – San Francisco, CA

#### 2. Case: Cisco v. Lionra

Date: October 2022 – December 2023  
Type: Patent Invalidity – *Inter Partes Review* (IPR)  
Worked on: Petitioner side (Cisco)  
Law Firm: Haynes and Boone, LLP – San Francisco, CA

#### 3. Case: Dell and Cisco v. Corrigent

Date: August 2022 – October 2023  
Type: Patent Invalidity – *Inter Partes Review* (IPR)  
Worked on: Petitioner side (Dell and Cisco)  
Law Firm: Gibson Dunn & Crutcher LLP – Palo Alto, CA

#### 4. Case: Google v. VoIP-Pal; and T-Mobile v. VoIP-Pal

Date: November 2021 – December 2022  
Type: Patent Invalidity – *Inter Partes Review* (IPR) – four cases  
Worked on: Petitioner side (Google and T-Mobile)  
Law Firm: Paul Hastings LLP – Washington, DC (for Google)  
Law Firm: Perkins Coie LLP – Denver, CO (for T-Mobile)

#### 5. Case: Cisco v. WSOU Investments

Date: April 2021 – April 2022  
Type: Patent Invalidity – *Inter Partes Review* (IPR) 3 cases, and *Ex Parte Reexamination* (EPR)  
Worked on: Petitioner side (Cisco)  
Law Firm: Haynes and Boone, LLP – Plano, TX

#### 6. Case: Dell Computers, EMC, and VMWare v. WSOU Investments (Brazos Licensing)

Date: November 2020 – June 2022  
Type: Patent Invalidity – *Inter Partes Review* (IPR), and *Ex Parte Reexamination* (EPR) -5 cases  
Worked on: Petitioner side (VMWare and Dell)

Law Firm: Gibson Dunn & Crutcher LLP – Palo Alto, CA

**7. Case: Estech Systems Inc v. Wells Fargo, BBVA USA, BOKF NA, Hancock Whitney, Plains Capital Bank, Regions Financial, Target Corp, and Cisco**

Date: November 2020 – April 2021  
Type: Patent Infringement  
Worked on: Defendant side (Wells Fargo et al.)  
Law Firm: K&L Gates – Pittsburgh, PA.

**8. Case: Exafer v. Microsoft**

Date: August 2020 – June 2022  
Type: Patent Infringement  
Worked on: Plaintiff side (Exafer)  
Law Firm: Daignaultlyer LLP– New York, NY.

**9. Case: Arnouse Digital Devices Corp v. Klas Telecom, Klas Telecom Gov., USDJ**

Date: February 2020 – December 2020  
Type: Patent Invalidity – *Inter Partes Review* (IPR)  
Worked on: Defendant side (Klas Telecom, Inc.)  
Law Firm: Vorys, Sater, Seymour and Pease LLP – Washington, DC.

**10. Case: Evertz Microsystems v. Lawo AG et. al. (D21, D22)**

Date: December 2019 – June 2022  
Type: Patent Infringement  
Worked on: Plaintiff side (Evertz Microsystems)  
Law Firm: Banner Witcoff – Chicago, Illinois.

**11. Case: VMWare Inc. v. CiRBA Inc. and Densify Inc.**

Date: September 2019 – July 2021  
Type: Patent Invalidity – *Inter Partes Review* (IPR), and *Ex Parte Reexamination* (EPR)  
Worked on: Petitioner side (VMWare Inc.)  
Law Firm: Dentons US LLP, - and - Morrison and & Foerster, LLP – San Francisco, CA.

**12. Case: Centre One v. AT&T et. al.**

Date: September 2019 – December 2019  
Type: Patent Infringement  
Worked on: Defendant (AT&T)  
Law Firm: Gibson, Dunn & Crutcher LLP – Dallas, Texas.

**13. Case: Sipco v. Emerson Electric, Fisher-Rosemont Systems, Inc., and Rosemount Inc. (D20, C6)**

Date: May 2018 – September 2019  
Type: Patent Litigation on Domestic Products – *International Trade Commission* (ITC)  
Worked on: Plaintiff side (SIPCO)  
Law Firm: Finnegan, Henderson, Farabow, Garrett & Dunner, LLP – Washington, DC.

**14. Case: Dispersive Networks v. VMWare Inc. (Nicira Inc., and Velocloud Networks Inc.) (D19)**

Date: June 2018 – April 2019  
Type: Patent Invalidity – *Post-Grant Review* (PGR)  
Worked on: Patent owner side (VMWare)  
Law Firm: Dentons US LLP – Washington, DC.

**15. Case: Wi-LAN Inc. v. LG, Lenovo, Motorola, and Qualcomm**

Date: September 2017 – May 2018  
Type: Patent Infringement

Worked on: Plaintiff side (Wi-LAN)  
Law Firm: Heim, Payne, and Chorush, LLP – Houston, TX

**16. Case: Arris v. Sony Corporations**

Date: June 2017 – November 2017  
Type: Patent Invalidity – *Inter Partes Review* (IPR)  
Worked on: Petitioner side (Sony)  
Law Firm: Finnegan, Henderson, Farabow, Garrett & Dunner, LLP – Washington, DC.

**17. Case: Iridescent Networks v. AT&T**

Date: March 2017 – July 2017  
Type: Patent Infringement  
Worked on: Plaintiff side (Iridescent)  
Law Firm: Heim, Payne & Chorush LLP – Houston, TX

**18. Case: Affinity Labs v. Netflix Inc. (C4, C5)**

Date: June 2016 – May 2018  
Type: Patent Invalidity – *Inter Partes Review* (IPR)  
The IPR was followed by two claim construction hearings at District Court of Texas  
Worked on: Petitioner side (Netflix)  
Law Firm: Marton Ribera Schumann & Chang LLP – San Francisco, CA, and  
Quinn Emanuel Urquhart & Sullivan, LLP – San Francisco, CA

**19. Case: Limelight Networks v. Akamai Technologies, and XO Communications (D18)**

Date: June 2016 – April 2018  
Type: Patent Infringement  
Worked on: Defendant side (Akamai)  
Law Firms: Choate, Hall & Stewart LLP – Boston, MA, and also, Wilmer Hale – Boston, MA

**20. Case: Philips v. HTC**

Date: February 2016 – December 2016  
Type: Patent Infringement  
Worked on: Defendant side (HTC)  
Law Firm: Perkins Coie LLP – San Diego, CA.

**21. Case: Zix Corporation v. Echoworx Corporation**

Date: January 2016 – November 2017  
Type: Patent Infringement  
Worked on: Plaintiff side (Zix Corporation)  
Law Firm: Baker Botts LLP – Dallas, TX.

**22. Case: Cox Communications v. AT&T (D10 - D17)**

Date: January 2015 – March 2016  
Type: Patent Invalidity – *Inter Partes Review* (IPR)  
Worked on: Petitioner side (Cox Communications)  
Law Firm: Proskauer Rose LLP – Boston, MA

**23. Case: Cisco Systems v. Arista Networks (D8, C2, D9, C3)**

Date: January 2015 – December 2015  
Type: Patent Invalidity and Non-Infringement -- *International Trade Commission* (ITC)  
Worked on: Defendant side (Arista Networks)  
Law Firm: Fish & Richardson P.C – Washington, DC.

**24. Case: Nomadix v. Hospitality Core**

Date: December 2014 – March 2016  
Type: Patent Invalidation  
Worked on: Defendant side (Hospitality Core)  
Law Firm: Mehrman Law Office, PC – Atlanta, GA

**25. Case: Marvell Semiconductor v. Intellectual Ventures**

Date: November 2014 – April 2015  
Type: Patent Invalidation – *Inter Partes Review* (IPR)  
Worked on: Patent owner side (Intellectual Ventures)  
Law Firm: McAndrews, Held & Malloy Ltd. – Chicago, IL

**26. Case: iControl Networks, Inc. v. Vringo Infrastructure Inc.**

Date: August 2014 – September 2014  
Type: Patent Invalidation -- *Inter Partes Review* (IPR)  
Worked on: Petitioner side (iControl Networks, Inc.)  
Law Firm: K&L Gates LLP – Palo Alto, CA

**27. Case: IBM v. Intellectual Ventures II, LLC (D6, D7)**

Date: June 2014 – May 2015  
Type: Patent Invalidation – *Inter Partes Review* (IPR)  
Worked on: Patent owner side (Intellectual Ventures)  
Law Firm: Knobbe Marten Intellectual Property Law – Irvine, CA

**28. Case: Compass Bank Inc., and First National Bank of Omaha v. Intellectual Ventures II, LLC (D5)**

Date: June 2014 – February 2015  
Type: Patent Invalidation -- *Inter Partes Review* (IPR)  
Worked on: Patent owner side (Intellectual Ventures)  
Law Firms: Knobbe Marten Intellectual Property Law, – Irvine, CA

**29. Two Case: Palo Alto Networks v. Juniper Networks - and - Juniper Networks v. Palo Alto Networks**

Date: May 2014 – June 2014  
Type: Patent Infringement  
Worked on: Plaintiff side (Palo Alto Networks) - and - Defendant side (Palo Alto Networks)  
Law Firm: Morrison and & Foerster, LLP – San Francisco, CA

**30. Case: GlobeTechtrust (GTT), LLC v. AT&T, Inc, FairPoint Communications, CenturyLink, Qwest Communications, CenturyTel, Embarq Comm., and Savvis Comm., and West IP Communications Inc.**

Date: April 2014 – October 2014  
Type: Patent Analysis – *Inter Partes Review* (IPR)  
Worked on: Petitioner side (GlobeTechtrust)  
Law Firm: Russ August & Kabat, LLP – Los Angeles, CA.

**31. Two Cases: Genband v. Metaswitch Networks - and - Metaswitch Networks v. Genband (D4)**

Date: March 2014 – March 2016  
Type: Patent Non-infringement, and Patent Invalidation  
Worked on: Defendant side (Metaswitch Networks) - and - Plaintiff side (Metaswitch Networks)  
Law Firm: Quinn Emanuel Urquhart & Sullivan, LLP – San Francisco, CA

**32. Case: Google Inc. v. Rockstar Consortium US LLP and Mobilestar Technologies LLC.**

Date: February 2014 – November 2014  
Type: Patent Invalidation -- *Inter Partes Review* (IPR)  
Worked on: Petitioner side (Google Inc.)  
Law Firm: Oblon, Spivak, McClelland, Maier Neustadt, LLP – Houston, TX

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