

## MATTHEW C. VALENTI, P.E.


IEEE Fellow

Professor


Lane Department of Computer Science and Electrical Engineering  
West Virginia University


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### CONTACT

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### EDUCATION

**Ph.D. in Electrical Engineering**

Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA, August 1999

**M.S. in Electrical Engineering**

Johns Hopkins University, Baltimore, MD, May 1995

**B.S. in Electrical Engineering**

Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA, May 1992

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### PROFESSIONAL EXPERIENCE

**West Virginia University**, Lane Department of Computer Science and Electrical Engineering

Professor – 2010 to present

Associate Professor – 2005 to 2010

Assistant Professor – August 1999 to 2005

*Administrative Capacities:*

Raymond J. Lane Department Chair – July 2020 to June 2021

Interim Chair – July 2019 to June 2020

**Center for Identification Technology Research (CITeR), an NSF I/UCRC**

Director, WVU Site – August 2014 to present.

**Virginia Tech**, Bradley Department of Electrical and Computer Engineering

Bradley Fellow, Graduate Research Assistant, and Instructor – August 1995 to July 1999

**U.S. Naval Research Laboratory**, Washington, DC

Electronics Engineer – Summer 1991, May 1992 to August 1995

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### LICENSES

**Professional Engineer (P.E.)**

Registered in the state of West Virginia since 2011

**Amateur Radio License**

General Class. Call sign KC8NHN. Licensed since 1999

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**TECHNICAL EXPERT EXPERIENCE**

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1. Sidley Austin for Lenovo  
Dates: 2022  
Venue: United States District Court; District of Delaware  
Cases: Interdigital Technology Corporation v. Lenovo Holding Company, Inc.,  
Civil Action No. 19-1590-LPS  
Technology: Wireless technology including control signaling for LTE and HSPA  
Activity: Expert Reports (invalidity and noninfringement). Deposition (Aug. 26, 2022).  
*Case is ongoing with a pending trial.*
2. Fish & Richardson for Apple  
Dates: 2022  
Venue: United States District Court; Eastern District of Texas Marshall Division  
Cases: Ericsson, Inc. and Telefonaktiebolaget L.M. Ericsson v. Apple Inc.,  
Civil Action No. 2:21-cv-0036  
Technology: 5G NR wireless technology  
Activity: Expert Reports (Patent portfolio technical evaluation and rebuttal). Deposition (Sept. 28, 2022).  
*Case is ongoing with a pending trial.*
3. Fish & Richardson for Apple and its Brazilian entities  
Dates: 2022  
Venue: Brazil Courts: (1) 1st Business Court of the Capital District of Rio de Janeiro State (Case No. 0010664-19.2022.8.19.0001), and (2) Federal Court of Rio de Janeiro, 31st Court specialized in IP matters (Case No. 5016043-83.2022.4.02.5101)  
Cases: (1) Telefonaktiebolaget L.M. Ericsson vs. Allied Tecnologia S.A. and (2) Apple Computer Brasil Ltda. and Allied Tecnologia S.A. vs. Telefonaktiebolaget L.M. Ericsson  
Technology: Wireless technology including random access signaling for LTE  
Activity: Expert Declarations (invalidity and noninfringement).
4. Erise IP for Apple  
Dates: 2021-2022  
Venue: United States Patent and Trademark Office  
Cases: Petition for *Inter Partes* Review (IPR) of US Patent Nos. 8,023,990; 8,798,658; and 9,277,436 (all owned by Ericsson). IPR cases IPR2021-00459, IPR2022-00461, and IPR2022-00467 (petitioned by Apple Inc.). Request for Ex Parte Re-examination of US Patent No 10,476,722 (owned by Ericsson). Attorney Docket No. Apple.990  
Technology: Wireless technology including LTE-A minimization of drive testing (MDT) and 5G NR synchronization  
Activity: Expert Declarations (in support of IPR Petitions and Ex Parte Re-examination). Deposition (Sept. 21, 2022 for the '658 patent).  
*Case is ongoing.*
5. Foley Hoag for Rideshare Displays, Inc.  
Dates: 2021-2022  
Venue: United States Patent and Trademark Office  
Cases: Patent owner's response to *Inter Partes* Review (IPR) of US Patent Nos. 9,892,637; 10,169,987; 10,395,525; 10,559,199; and 10,748,417 (all owned by Rideshare Displays, Inc.). IPR cases IPR2021-01598 to IPR2021-01602 (petitioned by Lyft, Inc.)  
Technology: Vehicle identification technology  
Activity: Expert Declarations (in support of Patent Owner's responses to IPR Petitions, responses to Board's decision to institute, and motions to amend claims). Deposition (Sept. 9, 2022).

6. Fish & Richardson for LG Electronics, Inc., LG Electronics USA, Inc., Dell Inc., and Dell Technologies, Inc.  
Dates: 2021-2022  
Venue: United States Patent and Trademark Office  
Cases: Petition for *Inter Partes* Review (IPR) of US Patent Nos. 8,467,366 and 10,833,908 (owned by Neo Wireless LLC). IPR cases IPR2021-01480 and IPR2022-00277 (petitioned by Dell Inc.)  
Technology: Wireless technology including OFDM transmissions, random access, and ranging signals  
Activity: Expert Declarations (in support of IPR Petitions).
7. Kirkland & Ellis for Samsung  
Dates: 2021  
Venue: United States Patent and Trademark Office  
Cases: Petition for *Inter Partes* Review (IPR) of US Patent Nos. 8,023,990; 8,798,658; 9,277,436; and 10,476,722 (all owned by Ericsson). IPR cases IPR2021-00729, IPR2021-00537, IPR2021-00567, IPR2021-00486 (petitioned by Samsung Electronics Co., Ltd)  
Technology: Wireless technology including LTE-A minimization of drive testing (MDT) and 5G NR synchronization  
Activity: Expert Declarations (in support of IPR Petitions).
8. Kirkland & Ellis for Lenovo  
Dates: 2020-2021  
Venue: UK High Court  
Cases: InterDigital Technology Corporation and others v Lenovo Group Limited and others (Claim No. HP-2019 000032)  
Technology: Wireless technology including control signaling for LTE  
Activity: Expert Report (invalidity, non-essentiality, two rebuttal reports). Court Testimony (UK bench trial): Mar. 5-9, 2021.
9. Fish & Richardson for LG Electronics, Inc.  
Dates: 2019-2020  
Venue: United States Patent and Trademark Office  
Cases: Petition for *Inter Partes* Review (IPR) of US Patent No. 7,039,435 (owned by Bell Northern Research). IPR case IPR2020-00319 (petitioned by LG Electronics, Inc.)  
Technology: Wireless technology including power control of wireless transmissions  
Activity: Expert Declaration (in support of IPR Petition).
10. Fish & Richardson for Apple  
Dates: 2017-2019  
Venue: United States District Court; Southern District of California  
Cases: Apple Inc. v. Qualcomm Inc., Civil Action No. 3:17-cv-00108  
Technology: LTE wireless technology.  
Activity: Expert Report (Patent portfolio technical evaluation). Deposition (Oct. 17, 2018). *Testimony before jury was scheduled for April 22, 2019, but case settled after opening arguments.*

11. Quinn Emanuel Urquhart & Sullivan for Samsung  
Dates: 2017-2018  
Venue: United States District Court; Northern District of California (San Francisco Division) and United States Patent and Trademark Office  
Cases: Samsung Electronics Co., LTD, et al. (counterclaim-plaintiffs) v. Huawei Technologies Co., LTD., et al. (counterclaim-defendants), Case No. 16-cv-02787-WHO  
Huawei Technologies Co., LTD vs. Samsung Electronics Co., LTD, Case IPR2017-01974 (US Patent 8,457,588)  
Huawei Technologies Co., LTD vs. Samsung Electronics Co., LTD, Case IPR2017-01982 (US Patent 8,228,827)  
Technology: LTE wireless technology.  
Activity: Declarations (Claim Construction, 2 Patent Owner's Responses to Petition for IPR); Expert Report (Infringement); Rebuttal Report (Validity). Depositions (June 20, 2018, Aug. 10, 2018, Aug. 11, 2018).
12. Baker Botts for AT&T; Gibson, Dunn & Crutcher for T-Mobile  
Dates: 2016-2017  
Venue: United States District Court; District of Delaware  
Cases: (a) Intellectual Ventures I LLC v. AT&T Mobility LLC et al., Civil Action No. 12-CV-193-LPS (D. Del.); Intellectual Ventures I LLC v. AT&T Mobility LLC et al., Civil Action No. 1:15-CV-00799-LPS.  
(b) Intellectual Ventures I LLC v. T-Mobile USA Inc. et al. D. Del. Case No. 1:13-cv-1632-LPS.  
Technology: HSDPA wireless technology.  
Activity: Expert Report; Declaration; Sur-Reply Report. Deposition (Mar. 23, 2017).
13. Rothwell Figg for LG; Paul Hastings for Samsung; Mayer Brown for Motorola Mobility  
Dates: 2016  
Venue: United States District Court; Southern District of California  
Cases: (a) Odyssey Wireless Inc. v. LG Electronics USA, Inc. et al., Civil Action No. 3:15-cv-01746-H-RBB (S.D. Cal.).  
(b) Odyssey Wireless Inc. v. Samsung Electronics Co. et al., Civil Action No. 3:15-cv-01738-H-RBB (S.D. Cal.).  
(c) Odyssey Wireless Inc. v. Motorola Mobility, Civil Action No. 3:15-cv-01741-H-RBB (S.D. Cal.).  
Technology: LTE wireless technology.  
Activity: Expert Report (noninfringement). Deposition (Aug. 24, 2016).
14. Sheppard Mullin for Samsung; Gibson Dunn and Wilmer Hale for Intel; Boies Schiller for Apple  
Dates: 2016  
Case: Various regulatory agencies' investigations of Qualcomm Incorporated ("Qualcomm"), including the Korean Fair Trade Commission (the "KFTC") and the United States Federal Trade Commission (the "FTC").  
Technology: LTE wireless technology.  
Activity: Declaration (technical analysis of patent portfolio).

15. Boies, Schiller & Flexner for Apple; Sheppard, Mullin, Richter & Hampton for HTC; Kilpatrick Townsend & Stockton for Lenovo and Motorola Mobility; Quinn Emanuel Urquhart & Sullivan for Samsung; McDermott Will & Emery for ZTE; Sidley Austin for Microsoft  
Dates: 2016  
Venue: United States District Court; District of Delaware  
Cases: (a) Evolved Wireless, LCC, v. Apple Inc., Civil Action No. 1:15-cv-00542-SLR.  
(b) Evolved Wireless, LCC, v. HTC Corporation and HTC America, Inc., Civil Action No. 1:15-cv-00543-SLR. (c) Evolved Wireless, LCC, v. Lenovo Group Ltd., Lenovo (United States) Inc., and Motorola Mobility, Civil Action No. 1:15-cv-00544-SLR.  
(d) Evolved Wireless, LCC v. Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc., Civil Action No. 1:15-cv-00545-SLR. (e) Evolved Wireless, LCC v. ZTE Corporation, ZTE (USA) Inc., and ZTE Solutions Inc., Civil Action No. 1:15-cv-00546-SLR. (f) Evolved Wireless, LCC v. Microsoft Corporation, Microsoft Mobile OY and Nokia Inc., Civil Action No. 1:15-cv-00547-SLR.  
Technology: LTE wireless technology.  
Activity: Declaration (claim construction).
16. Williams & Connolly  
Dates: 2015  
Case: Confidential Parties (Leading Global Wireless Communication Companies)  
Consolidated Arbitrations Under the International Chamber of Commerce Rules.  
Technology: LTE wireless technology.  
Activity: Expert Report (patent portfolio technical evaluation).
17. Kirkland & Ellis for Samsung  
Dates: 2013  
Case: Samsung Electronics and Samsung Telecommunications America v. Ericsson Inc.  
In the Matter of Certain Wireless Communications Equipment and Articles Therein  
US. International Trade Commission (ITC) Investigation No. 337-TA-866  
Technology: LTE wireless technology.  
Activity: Expert Report (infringement, domestic industry practice), rebuttal report (validity).  
Court testimony (ITC bench trial): direct (Oct. 23, 2013) and rebuttal (Oct. 30, 2013).
18. Quinn Emanuel Urquhart & Sullivan, LLP for Samsung  
Dates: 2013  
Case: Samsung Electronics GmbH v. Apple Inc.  
German Patent Court, Case Number 5 Ni 49/11  
Technology: Turbo codes; LTE wireless technology.  
Activity: Declaration (validity).
19. Kirkland & Ellis for DIRECTV  
Dates: 2009  
Case: Rembrandt Data Technologies v. DIRECTV, Inc. et al.  
Eastern District of Virginia, Case No. 1:08cv1009  
Technology: Telephone modems; set-top boxes.  
Activity: Rebuttal Expert Report (non-infringement). Deposition (May 20, 2009).
20. Kirkland & Ellis for Samsung  
Dates: 2006  
Case: Samsung Electronics and Samsung Telecommunications America v. Ericsson Inc.  
In the Matter of Certain Wireless Communications Equipment, Articles Therein, and Products Containing the Same  
ITC Investigation No. 377-TA-577  
Technology: WCDMA/UMTS wireless technology; mobile phone handsets.  
Activity: Declaration (domestic industry practice). Deposition (Nov. 17, 2006).

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