

Evan S. Kovanis



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PROFESSIONAL SUMMARY

Evan Kovanis is a research engineer at Zeidman Consulting. He has developed embedded firmware, GUI software, RF hardware, database application software, and ASIC verification code. Evan is certified in the use of CodeSuite®. He holds a bachelor's degree in Computer Engineering from the University of California Santa Barbara.

EXPERIENCE

01/2012 – present: Zeidman Consulting - Research Engineer

- Runs CodeSuite® and analyzes results for software IP litigation
- Writes expert reports for software IP litigation
- Performs research on patents and trade secrets
- Writes claim charts for patent infringement analysis
- Develops software analysis tools

03/2011 – 12/2011: Smiths Corporation - Systems Engineer

- Authored and contributed to technical white papers on topics such as transient voltages in an RF environment, the effects of undesired intermodulation, and Ethernet cable development and design
- Technical liaison between customers and the sales and engineering teams in new and existing RF, AC, Data, and DC projects
- Provided RF systems engineering expertise and support to customers and the sales team during development and launch of RF products
- Developed MS Windows Application for report generation and management of SQL database
- Served as the company's principle representative to the Antenna Interface Standards Group committee and as an AISG director

05/2006 – 03/2011: Smiths Corporation - RF/Digital Design Engineer

- Principle developer of a unique firmware solution, hardware, and GUI test environment for an AISG protocol based communication system
- Developed code in C, C++, as well as C#. Involved in all aspects of product design, from board layout to software verification
- Lead engineer in a C# multi-threaded control system; designing the GUI and control logic for a new surge test facility
- Managed project flow and performed design of RF surge suppression devices from concept through prototype and into release

01/2005 – 09/2005: Fulcrum Microsystems - ASIC Verification Engineer (Contract Position)

- Designed and contributed to the Java based test bench for a 10 Gigabit per port, 24 port Ethernet chip called Focal Point
- Also designed and wrote modules to verify the SERDES, EPL, Management, JTAG, SCAN, and XAUI portions of this ASIC
- Wrote Java, Perl, and Verilog and also worked closely with PCI-Express in verifying the stand alone EPL

11/2004 – 12/2004: Enerpro Inc. - Embedded Device Programmer / Test Technician (Contract Position)

- Developed C for a PIC micro-controller using internal DAC and ADC functionality to build a closed feedback control circuit
- Debugged and implemented an automated test system using LabView and discrete components including muxes and decoders

07/2003 – 10/2003: Ccom Solutions - Software Engineer

- Updated business software using JavaScript, VB Script, HTML, and Java Networking

LEGAL CONSULTING

12/2016 - present: Papst Licensing v. Apple, LG Electronics, ZTE Corporation, Samsung Electronics, Lenovo, Motorola Mobility, Huawei Technologies

Law Firm: DiNovo Price Ellwanger

Client: Papst Licensing

Court: U.S. District Court, Eastern District of Texas, Tyler Division

Case: Civil Action No. 6:15-cv-1095

- Alleged patent infringement of mobile phones
- Read patents
- Examined mobile phones
- Analyzed software source code
- Assisted with writing expert reports

7/2016 – 1/2017: Commonwealth of MA v. Figueroa, et al.

Law Firm: Committee for Public Counsel Services

Client: Figueroa, et al.

Court: Massachusetts District Court and Boston Municipal Court

Case: 1248CR1075

- Analyzed and tested Draeger Alcotest breathalyzer hardware and firmware for accuracy, consistency, and reliability.
- Wrote expert report.
- Testified at trial.

10/2015 – 5/2016: Samsung v. NVIDIA Corporation

Law Firm: Orrick, Herrington & Sutcliffe

Client: NVIDIA Corporation

Court: United States Patent Office

Case: IPR2015-01070

- Inter Partes Review alleging invalidity of graphics hardware patent.
- Read patent, reviewed hardware, analyzed hardware development and schedules.
- Wrote and submitted expert declaration.
- Testified in deposition.

7/2015 – 5/2016: Oracle America v. Google

Law Firm: Orrick, Herrington & Sutcliffe

Client: Oracle America

Court: U.S. District Court, Northern District of California

Case: C 10-03561 WHA

- Software copyright infringement of Java API packages
- Analyzed and compared source code.

12/2014 – 7/2015: NVIDIA Corporation v. Samsung and Qualcomm

Law Firm: Orrick, Herrington & Sutcliffe

Client: NVIDIA Corporation

Court: United States International Trade Commission

Investigation: 337-TA-932

- Alleged patent infringement of graphics hardware and software.
- Read patents, analyzed software and hardware, reviewed hardware and software specifications.
- Wrote expert report.
- Testified in deposition.

- Testified at trial.

11/2014 – present: Iconics, Inc. v. Simone Massaro, BaxEnergy GmbH, BaxEnergy Italia S.R.L, et. al.,

Law Firm: Burns & Levinson LLP

Law Firm: Orrick, Herrington & Sutcliffe

Client: BaxEnergy

Court: United States District Court, District of Massachusetts

Case: 11-11526-DPW

- Alleged copyright infringement of energy plant management software.
- Wrote declaration.

11/2013 – 9/2014: United Services Automobile Association v. Mitek Systems

Law Firm: Wilson Sonsini Goodrich & Rosati / Scheper Kim & Harris

Client: Mitek Systems

Court: U.S. District Court, Western District of Texas, San Antonio Division

Case: SA-12-CA-0282-FB

- Alleged trade secret misappropriation of mobile banking software.
- Alleged patent infringement of mobile banking software.
- Analyzed software and examined specifications.
- Assisted with writing expert reports.

8/2012 – 4/2015: Round Rock Research v. SanDisk

Law Firm: Desmarais

Client: Round Rock Research

Court: U.S. District Court, District of Delaware

Case: 12-569 (SLR)

- Alleged patent infringement of flash memory devices.
- Analyzed hardware and firmware and examined specifications.
- Assisted with writing expert reports.

8/2012 – 4/2015: SanDisk v. Round Rock Research

Law Firm: Desmarais

Client: Round Rock Research

Court: U.S. District Court, Northern District of California

Case: 1-cv-05243-RS

- Alleged patent infringement of flash memory devices.
- Analyzed hardware and firmware and examined specifications.
- Assisted with writing expert reports.

7/2012 – 5/2013: Kenneth C. Henry v. Petrolink v. Digital Well File

Law Firms: Wright & Close, Martin, Disiere, Jefferson & Wisdom

Client: neutral expert

Court: District Court of Harris County, Texas, 133rd Judicial District

Case: 2010-08178

- Alleged copyright infringement
- Alleged trade secret theft.
- Compared software source code using CodeMatch.
- Assisted with writing expert reports.

7/2012 – 6/2013: Elan Microelectronics v. Pixcir Microelectronics

Law Firm: Alston & Bird LLP

Client: Elan Microelectronics

Court: United States District Court, District of Nevada

Case: 2:10-cv-00014-GMN-(PAL)

- Alleged patent infringement.

1/2012 – 5/2015: Intellectual Ventures v. Altera, Microsemi, Lattice Semiconductor, And Xilinx

Law Firm: Desmarais LLP

Client: Intellectual Ventures

Court: U.S. District Court, District of Delaware

Case: C.A. No. 10-1065-LPS

- Case was settled.
- Alleged patent infringement of FPGA and ASIC integrated circuits
- Examined schematics and Verilog code.
- Assisted with writing expert reports.

1/2012 – 6/2014: ThinkOptics v. Nintendo of America, et al.

Law Firm: Nix Patterson & Roach LLP

Client: ThinkOptics

Court: United States District Court, Eastern District Of Texas, Tyler Division

Case: 6:2011cv00454

- Case was settled.
- Alleged patent infringement.

1/2012 – 9/2012: E-Micro Corporation v. Google, et al.

Law Firm: Nix Patterson & Roach LLP

Client: E-Micro

Court: United States District Court, Eastern District Of Texas, Tyler Division

Case: 6:11-CV-465 (JDL)

- Alleged patent infringement.

1/2012 – 7/2013: Robin Antonick v. Electronic Arts

Law Firm: Kecker & Van Nest LLP

Client: Electronic Arts

Court: United States District Court, Northern District of California

Case: 3:11-cv-01543-CRB (EDL)

- Contract dispute
- Alleged copyright infringement.
- Examined source code and binary code.
- Compared software binary code and source code using BitMatch and CodeMatch.
- Assisted with writing expert reports.

1/2012 – 7/2012: Brocade v. A10 Networks

Law Firms: Orrick, Herrington & Sutcliffe; McDermott, Will & Emery

Client: Brocade

Court: U.S. District Court, Northern District Of California, San Jose Division

Case: C 10-03428 LHK (PSG)

- Alleged copying of software for network controllers.
- Examined source code.

EDUCATION

B.S. Computer Engineering (Honors), University of California, Santa Barbara, 2004

T.E.C. (Technology Entrepreneurship Certificate), University of California, Santa Barbara, 2004

PAPERS AND PRESENTATIONS

1. Zeidman, Bob and Kovanis, Evan, "Round 2: Did Oracle Overlook the Smoking Gun in its Case against Google?" *IPWatchdog* (www.ipwatchdog.com), July 11, 2012.
2. Kovanis, Evan and Zeidman, Bob, "Did Oracle Overlook the Smoking Gun in its Case against Google?" *IPWatchdog* (www.ipwatchdog.com), June 26, 2012.

AWARDS & MEMBERSHIP

- National Society, Collegiate Scholars. Member (2001 – 2004) Officer (2002 – 2003)
- Dean's List Scholar Award. (Winter, Spring 2003; Fall, Winter, Spring 2004)
- Center for Engineering and Entrepreneurship Management. Member (2002 – 2004)
- Student Entrepreneur's Association. Member (2002 – 2004)

SPECIAL KNOWLEDGE AND SKILLS

- Embedded systems

- FPGA and CPLD design
- Java Database Connectivity (JDBC)
- Java Swing
- LAN Intercom
- Microprocessor design
- Operating Systems:
 - Linux
 - UNIX
 - Windows
- PCB layout
- Programming Languages:
 - C
 - C++
 - C#
 - SQL
 - Java
 - JavaScript
 - Perl
 - HTML
 - Verilog
 - VHDL
- RISC processor architecture
- Remote Method Invocation (RMI)
- Verilog
- XML