

# Isaac Pflaum

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I lead teams of experts, advise clients, and provide testimony in a variety of software-related intellectual property, project failure, and contract disputes.

I have a strong track record of testifying as an expert in both deposition and trial settings, backed by extensive experience in reviewing and reverse engineering software source code, architecture, and designs. My expertise covers a wide range of programming languages and technologies, including mobile and IoT devices, industrial and automotive controls, consumer and medical devices, as well as e-commerce and enterprise systems and websites.

In addition to my role as a software litigation expert, I bring a unique combination of skills as an attorney and a registered patent agent. My professional background spans financial services and software development, providing me with a well-rounded perspective in navigating complex legal and technical challenges.

## Software/Hardware Review Experience (Languages)

C/C++/C#, Obj-C (iOS), Swift, SQL, Java, Kotlin, VB.Net, COBOL, JS, TS, PHP, Python, GoLang, Ruby, CodeSys, MatLab, Fortran, VHDL, RDL, Verilog, Assembly, TEAL

## Enterprise and Application Software Experience (Industries)

- Government and public sector (e.g., public benefits administration, child support enforcement, ACA and Medicaid enrollment, IBM Cúram Enterprise Modules, software project failure and procurement disputes)
- E-commerce, enterprise systems, and retail (e.g., SaaS, COTS, OOTB and custom applications, AWS, Azure, IBM, SAP, Google Business Profiles integrations, Point of Sale systems, customer profiling and recommendation platforms)
- Mobile applications (e.g., Android and iOS applications, mobile gaming)
- FinTech and cryptocurrency (e.g., loan underwriting, insurance and benefits administration, consumer credit reporting, ACH fraud detection, cryptographic protocols, smart contracts, and peer-to-peer messaging systems)
- Advertising and media technology (e.g., Automated Content Recognition (ACR), real-time ad airings monitoring)
- Digital forensics and medical records (e.g., social media forensic acquisition and analysis, electronic medical record databases)

## Embedded and Systems Software Review Experience (Industries)

- Industrial and automotive controls (e.g., robotics and factory automation, CAN bus communications protocols, machine vision, functional safety technology)
- On-chip and on-board controllers (e.g., power management and memory access controllers)
- Consumer electronics and mobile devices (e.g., smartphones, tablets, set-top boxes, portable media players)
- IoT devices and sensor networks
- Cryptocurrency and AI infrastructure (e.g., custom ASIC design for cryptocurrency mining, AI datacenter hardware)
- Medical and analytical devices

# Testifying Engagements

Provided expert report and/or deposition or trial testimony

- **Chase Global Services v. Protech Solutions Inc.** | July 2025–Present  
Jurisdiction: AR Civil Division, Circuit Court of Pulaski County  
Case Number: 60-cv-19-739 Counsel: McDaniel Wolff PLLC  
Nature of Suit: Trade Secret  
Expert Role: Expert report, deposition  
Technology: Child support enforcement administration software solution
- **United States v. Confidential Defendant** | May 2025–Jan 2026  
Jurisdiction: U.S. District Court for the Northern District of California  
Nature of Suit: Criminal  
Expert Role: Expert report  
Technology: Custom software and hardware for AI datacenter
- **KBranch v. BSI3 Menu Buyer, Inc.** | Apr 2025–Mar 2026  
Jurisdiction: Superior Court of the State of Delaware  
Case Number: N23C-10-021  
Counsel: Goodwin Procter LLP  
Nature of Suit: Breach of Contract  
Expert Role: Expert report, deposition  
Technology: Google Business Profiles integration software
- **Beaver Research Company v. The Huntington National Bank** | Apr 2025–July 2025  
Jurisdiction: Circuit Court of Missouri, County of Kalamazoo  
Case Number: 2024-0267-CB  
Counsel: Kreis Enderle Hudgins & Borsos, P.C.  
Nature of Suit: Negligence  
Expert Role: Expert report  
Technology: ACH intra-bank transfer fraud detection software
- **Vimo, Inc. d/b/a GetInsured v. Deloitte Consulting LLP** | May 2024–Mar 2025  
Jurisdiction: Superior Court of California, County of Santa Clara  
Case Number: G-24-7-NA, 22CV405262  
Counsel: Kirkland & Ellis LLP  
Nature of Suit: Trade Secret, Breach of Contract  
Expert Role: Expert report  
Technology: ACA and Medicaid enrollment software solution
- **iSpot.TV, Inc. v. Nadya Teyfukova, and Entertainment Data Oracle, Inc.** | Dec 2023–Jan 2026  
Jurisdiction: U.S. District Court for the Central District of California  
Case Number: 2:21-cv-06815  
Counsel: Holwell Shuster & Goldberg LLP  
Nature of Suit: Trade Secret, Breach of Contract  
Expert Role: Declaration, rebuttal report, deposition  
Technology: Automated Content Recognition (ACR) and syndicated real-time ad airings software

- **WIPRO Limited v. First Data Government Solutions, LP** | July 2023–Present  
 Jurisdiction: U.S. District Court for the District of Nebraska  
 Case Number: 4:22-cv-03116-JMG-MDN (filed July 1, 2022)  
 Counsel: Cline Williams Wright Johnson & Oldfather  
 Nature of Suit: Breach of Contract  
 Expert Role: Deposition, opening and rebuttal reports  
 Technology: IBM Cúram Enterprise Modules and social program management platform (Java)
- **Best Ring, LLC, et al. v. Ronin POS, LLC, et al.** | June 2023–Present  
 Jurisdiction: U.S. District Court for the Western District of Texas Waco Division  
 Case Number: 6:22-cv-00766-ADA (filed July 11, 2022)  
 Counsel: Naman, Howell, Smith & Lee, PLLC  
 Nature of Suit: Patent, Copyright, Trade Secret  
 Expert Role: Expert report  
 Technology: Point of Sale (POS) software and hardware solution
- **Coinmint v. Katena** | 2022  
 Jurisdiction: American Arbitration Association  
 Case Number: 01-22-0001-7627 – 20427 (filed August 29, 2022)  
 Counsel: Gordon Rees Scully Mansukhani, LLP  
 Nature of Suit: Breach of Contract, Fraud  
 Expert Role: Deposition, opening and rebuttal reports  
 Technology: Custom designed ASICs for cryptocurrency mining operations
- **Enigmatus, s.r.o. v. Playtika Ltd. et al.** | 2022  
 Jurisdiction: Federal Court of Canada (Ottawa)  
 Case Number: T-2085-16 (filed December 2, 2016)  
 Counsel: Dipchand LLP  
 Nature of Suit: Trademark  
 Expert Role: Deposition, expert report  
 Technology: Mobile application development, gaming, Web Application Protocol, geolocation
- **Wipro Limited v. State of Nebraska** | 2021  
 Jurisdiction: District Court of Lancaster County, Nebraska  
 Case Number: D02CI190000676 (filed March 4, 2019)  
 Counsel: Cline Williams Wright Johnson & Oldfather, LLP  
 Nature of Suit: Breach of Contract  
 Expert Role: Deposition, opening and rebuttal expert reports  
 Technology: IBM Cúram Enterprise Modules and social program management platform (Java)
- **FinancialApps LLC v. Investnet, Inc.** | 2020  
 Jurisdiction: U.S. District Court for the District of Delaware  
 Case Number: 19-1337-CFC-CJB (filed July 17, 2019)  
 Nature of Suit: Trade Secret Misappropriation  
 Expert Role: Deposition, opening and rebuttal expert reports, affidavits relating to discovery and production disputes  
 Technology: Consumer financial data processing and credit reporting (Golang, Ruby, JavaScript, Java, MongoDB)
- **Penrose Hill, Limited et al. v. Mabray** | 2020  
 Jurisdiction: U.S. District Court for the Northern District of California  
 Case Number: 4:20-cv-01169 (filed February 14, 2020)  
 Nature of Suit: Libel  
 Expert Role: Expert report, declaration relating to discovery and production disputes  
 Technology: Social media posting forensic acquisition

- **VoterLabs, Inc. v. Ethos Group Consulting Services LLC** | 2020  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:19-cv-00524 (filed March 15, 2019)  
Nature of Suit: Breach of Contract  
Expert Role: Declaration relating to discovery and production disputes  
Technology: Customer profiling and product recommendation (Python, TypeScript, SQL, JavaScript)
- **Morris Development, Inc. v. Extreme Impact, Inc.** | 2019  
Jurisdiction: Superior Court of California  
Case Number: 16CV003781 (filed November 23, 2016)  
Nature of Suit: Copyright and Breach of Contract  
Expert Role: Trial, deposition and expert report  
Technology: Comparison of source code and architecture of Microsoft Visual Basic (VB) .Net applications
- **Lisa M. Ostella v. Orly Taitz** | 2018  
Jurisdiction: U.S. District Court for the Central District of California  
Case Number: 8:11-cv-00485 (filed March 29, 2011)  
Nature of Suit: Libel  
Expert Role: Expert declarations  
Technology: Forensic acquisition and analysis of blog and Twitter postings, internet archive records and robots.txt directives
- **Certain Road Milling Machines and Components Thereof** | 2018  
Jurisdiction: International Trade Commission (ITC)  
Case Number: 337-TA-1067 (filed July 10, 2017)  
Retained by: Wirtgen America  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent Infringement  
Expert Role: Trial, deposition and expert report  
Technology: Sensor inputs and actuator controls over CAN bus and controller source code (CodeSys, MatLab, C)
- **Golden et al. v. Clear Advantage Marketing, et al.** | 2018  
Jurisdiction: U.S. District Court for the Southern District of Iowa  
Case Number: 4:2016-cv-00529 (filed September 30, 2016)  
Retained by: G2 Database Marketing  
Nature of Suit: Copyright, Trade Secret  
Expert Role: Deposition and opening and rebuttal expert reports  
Technology: Functional and presentation layer comparison of financial reporting applications and reporting products
- **Robert Nekoroski et al. v. Shajy Mathai et al.** | 2014  
Jurisdiction: CA  
Case Number: 1184CV04315 (filed November 29, 2011)  
Nature of Suit: Trade Secret  
Expert Role: Opening and rebuttal expert reports

# Litigation Consulting

- **Belvac Production Machinery, Inc. v. Adonis Acquisition Holdings LLC** | Nov 2025–Present  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:25-cv-00166  
Counsel: McGuireWoods LLP  
Nature of Suit: Copyright
- **River Valley Cooperative v. Jacob Johnson and Gold Star FS, Inc.** | Nov 2025–Present  
Jurisdiction: Illinois Circuit Court, Henry County  
Case Number: 2025LA19  
Counsel: Heyl, Royster, Voelker & Allen, P.C.  
Nature of Suit: Trade Secret
- **Shopify Inc. v. Shoptline Tech. Holdings Pte. Ltd., Shoptline US, Inc., and Sinoxpress Inc.** | Nov 2025–Present  
Jurisdiction: U.S. District Court for the Southern District of New York  
Case Number: 1:24-cv-03691  
Counsel: Wilson Sonsini Goodrich & Rosati  
Nature of Suit: Copyright
- **Jolo Jobs, Inc. v. Tangocode, Inc.** | Nov 2025–Present  
Jurisdiction: Circuit Court of Cook County, Illinois  
Case Number: 2024L013978  
Counsel: Lewis Brisbois Bisgaard & Smith LLP  
Nature of Suit: Breach of Contract
- **Revenue Management Solutions, LLC v. Commerce Bank** | Apr 2025–Present  
Jurisdiction: U.S. District Court for the Western District of Missouri  
Case Number: 4:25-cv-00140  
Counsel: Banner Witcoff  
Nature of Suit: Trade Secret  
Technology: Accounting and payroll software
- **Apkudo, Inc. v. Monirul Quasem, et al.** | Mar 2025–June 2025  
Jurisdiction: American Arbitration Association  
Case Number: 01-24-0003-0907  
Counsel: Kagan Stern Marinello & Beard, LLC  
Nature of Suit: Trade Secret, Computer Fraud  
Technology: Mobile phone grading and testing software
- **Certain Wireless Communication Devices and Components Thereof: International Semiconductor Group v. Dell, HP, Lenovo** | Dec 2024–Present  
Jurisdiction: International Trade Commission (ITC)  
Case Number: 337-TA-1429  
Counsel: Sterne, Kessler, Goldstein & Fox PLLC  
Nature of Suit: Patent  
Technology: Wifi 5 and 6 optional features

- **MaddenCo, Inc. v. HG AutoTech LLC** | Aug 2023–Present  
Jurisdiction: U.S. District Court for the Southern District of Indiana  
Case Number: 3:22-cv-00173-RLY-MPB (filed 10/31/22)  
Counsel: Delk McNally LLP; Breazeale, Sachse & Wilson, LLP  
Nature of Suit: Copyright; Third-party Neutral  
Technology: Tire inventory management software
- **Lexos Media IP, LLC v. Northern Tool & Equipment Company, Inc.** | Aug 2023–Oct 2023  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 2:22-cv-00355 (filed September 12, 2022)  
Counsel: Taft Stettinius & Hollister LLP  
Nature of Suit: Patent  
Technology: Ecommerce web application photo display
- **K+S Potash Canada General Partnership v. Veolia Water Technologies Inc.** | Mar 2023–Present  
Jurisdiction: Court of King's Bench for Saskatchewan  
Case Number: QB No. 817 (filed 2018)  
Counsel: Stikeman Elliott LLP  
Nature of Suit: Breach of Contract  
Expert Role: Consulting Expert  
Technology: Plant Design Management Systems (PDMS), Clash Detection, Database synchronization
- **Content Engines, LLC v. Rumble USA, Inc., & Rumble Inc.** | 2022  
Jurisdiction: U.S. District Court for the Middle District of Florida  
Case Number: 8:22-cv-01949 (filed August 24, 2022)  
Counsel: Burke, Williams & Sorensen, LLP.  
Nature of Suit: Patent Infringement  
Technology: Content Delivery Network (CDN), video streaming, RAID storage
- **Robotic Vision Technologies Inc. v. ABB Inc.** | 2022–Mar 2025  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:22-cv-01257 (filed September 9, 2022)  
Counsel: Sterne Kessler Goldstein & Fox PLLC  
Nature of Suit: Patent, Trade Secret and Copyright Infringement  
Technology: Robotic computer vision, gripper targeting, feature selection and identification
- **Espíritu Santo Holdings, LP & L1bre Holding, LLC v. United Mexican States** | Dec 2022–Present  
Jurisdiction: ICSID  
Case Number: ARB/20/13 - 20417 (filed September 17, 2021)  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Investor-State Arbitration  
Technology: Mobile phone applications, ride hailing services
- **The Nielsen Company, LLC v. TVision Insights, Inc.** | June 2022–Nov 2024  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:22-cv-00057 (filed January 14, 2022)  
Counsel: Kelley, Drye & Warren LLP.  
Nature of Suit: Patent Infringement  
Technology: Multimedia fingerprinting, reverse engineering, decompilation

- **Svoboda v. Amazon, Inc.** | 2022  
Jurisdiction: U.S. District Court for the Northern District of Illinois  
Case Number: 1:21-cv-05336 (filed February 25, 2022)  
Counsel: Keogh Law, LTD.  
Nature of Suit: Illinois Biometric Privacy Act (BIPA)  
Technology: Augmented Reality, Machine Vision, Face Tracking
- **Allscripts Healthcare, LLC v. Andor Health, LLC** | 2022  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:21-cv-00707-MAK (filed August 6, 2021)  
Counsel: Locke Lord LLP  
Nature of Suit: Trade Secret  
Technology: EHR, Mobile Patient Experience (MPE) applications
- **Vound Colorado, LTD and Vound LLC v. E-Hounds, Inc.** | 2022  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:21-cv-00849-UNA (filed June 14, 2021)  
Counsel: Marshall Dennehey  
Nature of Suit: Breach of Contract, Trademark  
Technology: White-label software, HASP licensing
- **Blue Island Industrial, LLC v. Sigma DT, LLC** | 2022  
Jurisdiction: Appellate Court of Illinois, First District, Fourth Division  
Case Number: 1-22-1802  
Counsel: The Cosentino Law Firm  
Nature of Suit: Rent Abatement  
Technology: PDF modification date forensics
- **Hlfiip Holding, Inc. d/b/a Smart Communications IP Holdings v. York County, Pennsylvania** | 2022  
Jurisdiction: U.S. District Court for the Middle District of Pennsylvania  
Case Number: 1:20-cv-001866-CCC (filed February 3, 2020)  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent Infringement  
Technology: Telecommunications, OCR scanning, document processing
- **Provisur Technologies, Inc. v. Weber, Inc.** | 2022  
Jurisdiction: U.S. District Court for the Western District of Missouri  
Case Number: 5:19-cv-6021 (filed February 22, 2019)  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent Infringement  
Technology: PLC controller for robotic food packaging equipment (C++, CodeSys)
- **Certain Vehicle Controls Systems, Vehicles Containing the Same, and Components Thereof** | 2021  
Jurisdiction: International Trade Commission (ITC)  
Case Number: 337-TA-1235 (filed November 19, 2020)  
Retained by: Volkswagen America  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent Infringement  
Technology: CAN bus communication of terrain selection data to vehicle suspension, breaking and transmission control subsystems (C++)

- **Jaguar Land Rover v. Volkswagen Group of America, Inc.** | Dec 2020  
Jurisdiction: U.S. International Trade Commission, Washington, D.C  
Case Number: 337-TA-1235  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent infringement
- **Aetna Inc., et al. v. Mednax Inc., et al.** | 2020  
Jurisdiction: U.S. District Court for the Eastern District of Pennsylvania  
Case Number: 2:18-cv-02217 (filed May 25, 2018)  
Counsel: Robbins, Russell, Englert, Orseck, Untereiner & Sauber LLP  
Technology: Billing support business logic  
Nature of Suit: Medical Billing Fraud
- **Robillard v. Opal Labs, Inc.** | 2020  
Jurisdiction: U.S. District Court for the District of Oregon, Portland Division  
Case Number: 3:16-cv-00780 (filed May 5, 2016)  
Counsel: Buchanan Angeli Altschul & Sullivan LLP  
Nature of Suit: Trade Secret Misappropriation  
Technology: Investigation of the GitHub and Internet archives using ElasticSearch to search over 800 million records
- **Comcast Cable Communications LLC v. Veveo, Inc.** | 2020  
Jurisdiction: U.S. Patent and Trademark Office (USPTO) Patent Trial and Appeals Board (PTAB)  
Case Number: IPR 2019-00237 (filed November 12, 2018) and IPR 2019-00290 (filed November 12, 2018)  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent Infringement  
Technology: Cable set top box predictive text entry and product search (C++)
- **Sequoia Technology, LLC v. Dell Inc., et al.** | 2019  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:18-cv-01127 (filed July 31, 2018)  
Nature of Suit: Patent Misappropriation  
Technology: RedHat Logical volume management (LVM), Windows Logical Disk Manager (LDM), Windows Storage Spaces, Oracle ZFS, MacOS Apple RAID
- **Alaimo v. Simpson** | 2019  
Jurisdiction: U.S. District Court for the District of Arizona  
Case Number: 2:00-cv-01251 (filed June 29, 2000)  
Nature of Suit: Patent Infringement  
Technology: Forensic acquisition of social media postings from Twitter, Facebook and Instagram
- **Arendi S.A.R.L. v. Motorola Mobility LLC, et al. (W.D. Wash)** | 2019  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:12-cv-01601-LPS (filed March 10, 2013)  
Nature of Suit: Patent Infringement  
Technology: Mobile phone applications for Android (Java and Kotlin), iOS (Objective C and Swift) and Blackberry (C++); Subversion (SVN) source code version control system
- **In re Intuit Free File Litigation** | 2019  
Jurisdiction: U.S. District Court for the Northern District of California  
Case Number: 3:19-cv-02546 (filed May 12, 2019)  
Retained by: Plaintiff  
Nature of Suit: Class Action  
Technology: Multi-site web application (HTML and JavaScript) and robots.txt directives

- **TRUSTID, Inc. v. Next Caller Inc.** | 2019  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:18-cv-00172 (filed January 30, 2018)  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent Infringement  
Technology: Call-number- spoofing and fraud detection using SIP data processing, call screening and applied machine learning (ML) (Python, VOIP, AWS)
- **Property Solutions International, Inc. v. Yardi Systems** | Aug 2019–Sept 2019  
Jurisdiction: U.S. District Court for the District of Utah  
Case Number: 2:15-cv-00102  
Counsel: Morrison & Foerster, LLP  
Nature of Suit: Trade Secret  
Technology: Property, lease and tenant management systems
- **AGIS Software Development LLC v. LG Electronics, Inc.** | 2018  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 2:17-cv-00515 (filed June 21, 2017)  
Counsel: Arnold & Porter  
Nature of Suit: Patent Infringement  
Technology: Peer to peer messaging mobile phone applications for Android (Java), iOS (Objective-C), and Windows Phone (C++) and backend server application (C++)
- **Securus Technologies, Inc. v. Global Tel\*Link Corporation** | 2017  
Jurisdiction: U.S. District Court for the Northern District of Texas  
Case Number: 3:16-cv-01338 (filed May 13, 2016)  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent  
Technology: VOIP call processing, monitoring, biometrics, billing (Java, C++)
- **Pennsylvania Department of Labor and Industry (DLI) v. IBM** | 2017  
Jurisdiction: PA  
Case Number: 2017-cv-1740 (filed March 9, 2017)  
Counsel: Duane Morris, LLP  
Nature of Suit: Breach of Contract  
Technology: IBM solution for Unemployment Compensation Modernization System (“UCMS”) (OS/2, Db2, Java)
- **Certain Computing or Graphics Systems, Components Thereof, and Vehicles Containing Same** | 2016  
Jurisdiction: International Trade Commission (ITC)  
Case Number: 337-TA-984 (filed December 20, 2015)  
Retained by: Volkswagen America  
Counsel: Sterne Kessler Goldstein & Fox  
Nature of Suit: Patent  
Technology: Northbridge controller, memory controller, DRAM access scheduling and prioritization functions (VHDL)
- **Kemper Corporate Services Inc. v. Computer Sciences Corporation et al.** | 2016  
Jurisdiction: AAA Arbitration  
Counsel: Sidley Austin  
Nature of Suit: Breach of Contract  
Expert Role: Expert affidavit  
Technology: COBOL to Java conversion

- **CAP CO, LTD v. McAfee, Inc.** | 2016  
Jurisdiction: U.S. District Court for the Northern District of California  
Case Number: 14-cv-05068-JD (filed June 26, 2015)  
Counsel: Perkins Coie  
Nature of Suit: Patent  
Technology: Antivirus and firewall
- **Hoskin Hogan, et al., v. BP West Coast Products LLC, et al.** | 2016  
Jurisdiction: CA  
Case Number: BC460880 (filed 2011)  
Nature of Suit: Breach of Contract  
Technology: Point of Sale (POS)
- **Michael Mohr v. Science and Engineering Services, LLC** | 2014  
Jurisdiction: Northern District of Alabama  
Case Number: 5:14-cv-00045 (filed January 9, 2014)  
Nature of Suit: Copyright  
Technology: Source code comparison, scènes à faire analysis
- **Metropolitan Regional Information Systems, Inc. v. American Home Realty Network, Inc.** | 2014  
Jurisdiction: Northern District of Alabama  
Case Number: 5:14-cv-00045 (filed January 9, 2014)  
Retained by: Science and Engineering Services, LLC  
Counsel: Finnegan, Henderson, Farabow, Garrett & Dunner  
Nature of Suit: Copyright  
Technology: Database compilation and schema in copyright deposits
- **County of Orange v. Tata Consultancy Services LTD., et al.** | 2015  
Jurisdiction: CA  
Case Number: 8:13-cv-00683 (filed April 30, 2013)  
Counsel: Theodora Oringer PC  
Nature of Suit: Breach of Contract, Fraud  
Technology: Property tax management system (Visual Studio .Net, C++, SQL)
- **The Studer Group v. Cleveland Clinic Foundation** | 2013  
Jurisdiction: Northern District of Ohio  
Case Number: 1:10-cv-01957 (filed September 2, 2010)  
Nature of Suit: Trade Secret  
Technology: Patient engagement, survey and services marketing
- **CGI v. eHealth Ontario** | 2014  
Jurisdiction: Private Arbitration  
Nature of Suit: Breach of Contract  
Technology: Diabetes Registry system implementation, HP Quality Center (HPQC)
- **Sam's West, Inc. v. Aloni** | 2013  
Jurisdiction: Western District of Arkansas  
Case Number: 5:13-cv-05144 (filed July 15, 2013)  
Nature of Suit: Media Licensing  
Technology: Internet Archive, image and text scanning, micro-site and platform specific targeting

- **California State Comptroller's Office (SCO) v. SAP Public Services** | 2013

Jurisdiction: CA

Case Number: 34-2013-00154918 (filed November 21, 2013)

Counsel: Manatt, Phelps & Phillips, LLP

Nature of Suit: Breach of Contract

Technology: Payroll processing, SAP, HP Quality Center, JIRA

- **BioLumix, Incorporated v. Centrus International, Incorporated** | 2013

Jurisdiction: Eastern District of Michigan

Case Number: 2:08-cv-11418 (filed April 2, 2008)

Nature of Suit: Patent

Technology: Laboratory analytical device firmware

- **Westlake Services LLC d/b/a Westlake Financial Services v. Credit Acceptance Corporation** | 2013

Jurisdiction: U.S. Patent and Trademark Office, Patent Trial and Appeals Board

Case Number: CBM2014-000008 (filed October 11, 2013)

Counsel: Fish & Tsang, LLP

Nature of Suit: Patent

Technology: Auto loan underwriting and processing (FoxPro)

- **Symantec Corporation v. Veeam Software Corporation** | 2013

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

Case Number: C 12-00700 SI (filed May. 31, 2012)

Nature of Suit: Patent

Technology: VMware ESX and Microsoft Hyper-V

## Technical Analysis & Audits

- **Confidential Analysis of Cyber-Security Incident** | Nov 2024

Counsel: Bernstein Litowitz Berger & Grossmann LLP

Nature of Consultation: Pre-Litigation Analysis

- **Pre-litigation Patent Infringement Assessment** | Dec 2023–Present

Technology: mobile gaming, geolocation, user and device verification, jailbreak detection, proxy detection, Bluetooth beacon, ad delivery, biometric authentication.

- **Confidential Investigation** | Oct 2023–Feb 2024

Nature of suit: Illinois Biometric information Privacy Act (BIPA)

Technology: optical fingerprint readers and time clocks, network traffic capture, SQL monitoring.

- **Cryptocurrency Pre-Litigation Investigation** | 2022

Jurisdiction: Federal (DOJ)

Retained by: Defendant

Counsel: Todd & Weld LLP

Nature of Suit: Criminal fraud and theft

Technology: Blockchain, smart contracts (TEAL assembly)

- **"Sasco" Patent Portfolio Review** | 2017

Retained by: Confidential

Counsel: Perkins Coie

Nature of Suit: Pre-litigation assessment

Technology: CPU power management in Linux-based operating systems

- **Pre-litigation Assessment** | 2017  
Retained by: Confidential  
Counsel: Perkins Coie  
Nature of Suit: Copyright  
Technology: ARM-based embedded controller and firmware, JTAG
- **Pre-litigation Assessment** | 2016  
Retained by: Confidential  
Counsel: Perkins Coie  
Nature of Suit: Patent  
Technology: CPU power management, on-chip controller source code for managing the operating frequency, voltage, memory bandwidth, and thermal control of a multithreaded processor and its associated memory
- **SAP Business One Implementation Failure** | 2014  
Jurisdiction: Private Arbitration  
Nature of Suit: Breach of Contract  
Technology: SAP Business One (ERP Solution)
- **Maryland Health Benefits Exchange Implementation Failure Pre-Litigation Assessment** | 2014  
Retained by: State of Maryland  
Counsel: Saul Ewing Arnstein & Lehr LLP  
Nature of Suit: Breach of Contract, Fraud  
Technology: IBM Cúram Enterprise Modules and social program management platform (Java, Db2, Oracle) and related SDLC artifacts (Jira, Rational Team Concert, SVN)

## Admissions

- **State Bar of Virginia** | 2018
- **State Bar of California** | 2013
- **United States Patent and Trademark Office, Registration Number 64493** | May 2009

## Professional Experience

### Quandary Peak Research

**Software Expert Witness** | Chicago, IL | Sept 2018–Present

### DisputeSoft

**Software Expert Witness** | Potomac, MD | June 2013–Sept 2018

### White House OSTP

**Legal Intern** | Washington D.C. | Jan–Apr 2013

### U.S. D.O.J. Criminal Division, Fraud Section

**Legal Intern** | Washington D.C. | Sept–Dec 2012

### United States ITC, OUII

**Law Clerk** | Washington D.C. | June–Aug 2012

**Judicial Intern to Honorable Susan G. Braden, U.S. Fed. Cl.** | Jan–May 2012

**Judicial Intern to Honorable Judith N. Macaluso, D.C. Sup. Ct.** | Sept–Dec 2011

## **USPTO, OPLA**

**Legal Intern** | June–Aug 2011

## **Hiscock & Barclay, LLP**

**Summer Associate** | June–Aug 2010

## **Marjama, Muldoon, Blasiak & Sullivan, LLP**

**Patent Agent** | June–Aug 2009

## **Patents**

- **Patent Application No. 15/424,102** (abandoned)

## **Publications**

- Pflaum, Isaac, and Emmeline Hateley | June 2014

***A bit of a problem: National and extraterritorial regulation of virtual currency in the age of financial disintermediation*** | Georgetown Journal of International Law, 45 Geo. J. Int'l L. 1169 (2013-2014)

## **Education**

**Master of Law (LLM.)** International Business and Economic Law

Georgetown University Law Center, Washington, DC

**J.D.**

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**M.S. in Computational Chemistry**

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**B.S. in Biology and Chemistry**

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