Ivan Zatkovich

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Ivan Zatkovich has 30 years experience in computer science, computer networks, digital circuit design, and software engineering. Mr. Zatkovich is the principal consultant with eComp Consultants, a technology consulting firm specializing in intellectual property consulting for telecommunications, computer related technology, and Network Communications. Mr. Zatkovich has 15 years experience providing expert testimony for patent litigation and software contract disputes in Telecommunications and computer technology, providing expert reports, depositions, and trial testimony.

Mr. Zatkovich is an eBusiness Director and Patent Consultant specializing in Telecommunications and Internet / eCommerce technology including CTI (Computer Telephony Integration) with specific experience in VoIP, teleconferencing, Streaming Media, Call Center/ Contact Center applications, Speech recognition, and Unified Messaging technology. Companies consulted for include Verizon, Deustche Telekom, PTT Netherlands, Bell Canada, Qwest. Ivan has been an expert for 24 cases including 12 Telecommunications software & patent litigation cases.

Director / Project Manager	13 years	Managed 6 to 35 member teams. Software development, systems Integration, critical path management, PMP/CMM methodologies.
Telecommunications Call Center, Speech recognition	11 years	Mobile & Wireless Communications, Computer Telephony Integration (CTI). Speech Recognition, Natural Language recognition. Teleconferencing, and Unified Messaging (Verizon, Bell Canada, PTT Netherlands, and Mercury Communications).
Commercial Web, eCommerce, eMarketing	8 years	Commercial B2B & B2C websites, CRM applications for Call Centers / Contact Centers, chat-bot automation, Personalization, Analytics
Expert Witness	9 years	Expert testimony and damage assessment for ecommerce litigation, internet & software copyright, telecommunications. Over 24 cases providing expert reports, depositions, & trial testimony.

Education:

B. S. Computer Science — 1980 — University of Pittsburgh
Minor in E.E. digital circuit design
Master's study and thesis in Computer Networks, Results published in Byte Magazine

Professional Experience:

2000 to Present **Principal Consultant**
eComp Consultants ***Tampa, FL***

Provide consulting on design and development of software product development, and ecommerce technology. Provide technology consulting and expert support for telecommunications, internet, and ecommerce applications in the areas of:

- Patent portfolio evaluation, market valuation, identification of potential prior art, and licensing opportunities.
- Independent consulting for Alcatel-Lucent (AT&T Bell Labs) to review, recommend, and rate Alcatel's extensive Patent portfolio specifically in the area of telecommunications and web-based ecommerce.
- Patent litigation consulting for telecommunications and internet technology patents.
- Software contract and due diligence consulting for disputes involving custom software projects.
- Internet publishing and copyright consulting for web content management and licensing.
- Commercial websites, search engine, and web marketing strategies.
- Sample clients include: Alcatel-Lucent, LogicLink, NWI Corp, Jones Day, Finnegan Henderson, Fish & Richardson, Cozen O'Connors, Morrison Foerster

2007 to 2008 **Global Web Manager**
Smith & Nephew Inc. ***Clearwater, FL***

Smith & Nephew is a global manufacturer of medical, wound, orthopedic, and surgical supplies. Smith & Nephew has facilities in 33 countries and maintains 35 websites for different product areas and country marketing.

- Designed the Smith & Nephew corporate web architecture for all intranet, extranet, and internet sites.
- Directed a staff of web professionals in developing and managing 35 individual Smith & Nephew websites maintained in the US and 14 countries for both Smith & Nephew clients and internal users.
- Managed and maintain the 650 domains currently owned by Smith & Nephew
- Optimized search engine ranking and website meta tagging.
- Developed corporate technology and IT standards and policies including:
- Created web hosting agreements and IT service contracts (SLAs)
- Defined web development standards
- Researched page ranking, redirection, and domain optimization strategies.

2002 to 2007 **eBusiness Director**
Eva-Tone Inc ***Clearwater, FL***

Eva-Tone is a $45M commercial multimedia company specializing in ecommerce and marketing solutions, media and content customization, order processing and fulfillment, print & web publishing, CD & DVD manufacturing.

- Set strategic direction of client service offerings in ecommerce and content management.
- Consulted with clients on: web marketing strategy using personalized sales collateral. Defined client profile information to be used to generate customized presentations and brochures.
- Aggressively controlled project scope, managed project timelines, budgets and client expectations.

- Projects proposed and delivered included:
  - McGraw-Hill – Enterprise Content Management and automated Web publishing system.
  - ProMarine USA – B2B storefront, complex part search, order processing and fulfillment.
  - Resource Rabbit – Sales collateral manager. This system retrieves user preferences and client profile information to generate customized electronic presentations and brochures.
  - AAA Travel – CRM sales collateral system, instant customized brochures, print-on-demand.

1999 to 2002 **eBusiness Engagement Manager**
Tanning Technology and IMRGlobal

Tanning Technology is an international systems integrator specializing in network infrastructure and channel integration for financial markets and the insurance industry. Proposed and managed eBusiness and Internet infrastructure projects focused on client and user personalization, data mining, and web marketing practices.

Client web engagements proposed and managed:

- Eckerd Pharmacy – Developed eBusiness and web marketing for personalized client web content.
- GEICO – Developed a personalized policyholder web service that uses clients' account history and demographics to customize product literature for cross-sell & up-sell opportunities.
- Hartford Insurance – Integrated 3 tier online claims processing & subrogation with legacy systems
- Citicorp Bank – Designed mortgage and loan payment system; managed sale of loan contracts
- Smith Barney – Developed remote access network infrastructure & wireless PDA financial system
- Medwerks – Created medical insurance clearinghouse, MDs centrally process insurance payments

1996 to 1999 **Director of Network & Customer Support**
Utility Partners, Inc. ***Tampa, FL***

Utility Partners developed and customized utility company software for scheduling service appointments, assigning and routing mobile workforce (field technicians), and dispatching and coordinating resources during power outages.

- Managed client engagement leads for development of client customizations and standardization of product features.
- Setup client support department to manage UP's growing client and product base. This department:
- Provided Network and IT management for over 800 customer users
- Created a 24x7 Helpdesk for Utility dispatch centers and IT departments
- Developed system and network monitors for real-time client system monitoring
- Received trouble calls & provided live client support for the following applications:
  - MobileUP – Mobile Workforce Dispatcher
  - TroubleUP – Power outage manager
  - Smartnom – Web Gas Auction System for private gas auctions
  - CAS – Customer Appointment and Call Center application

1987 to1996 **Project Manager: Telecom Software**
Verizon / GTE ***Tampa, FL***

GTE was an $8B Telecommunications company and formed the Commercial Services division to customize their telephone business software to sell to other telephone companies internationally.

- Managed large Call center implementations using speech recognition for menu selection and natural language commands.
- Developed project proposals, and provided client pre-sales support.
- Created project plans, managed resources, and set expectations for customer delivery projects.
- Specific projects managed:
  - Mercury Communication – setup Service Bureau to bill their new intelligent network services.
  - PTT Netherlands – managed $5M inter-carrier billing project for PTT Netherlands
  - Bell Canada – developed Pricing Plan & Table Management system
  - Deutsche Telekom – designed and developed a German billing prototype system.
  - Received GTE personal best award.

1980 to 1987 **Software Engineer / Technical Lead**
Digital Equipment Corp. ***Maynard, MA***

As Technical Lead, led the development of manufacturing automation and control software. Projects Included:

- Supply Chain, CAD/CAM – Designed system to retrieve parts information from circuit board CAD design. Developed a parts ordering system based on expected volumes.
- Pick & place automation – Automatically program IC insertion machines. Developed system to determine IC insertion order, generate machine instructions, and download program to machine.

As Software Engineer for embedded controllers and video subsystems, designed and developed PDP-11 operating system and device drivers.

- Enhanced high-speed DecNet drivers for Synch, Asynch, and Parallel communications.
- Designed/developed disk firmware and drivers for floppy & Winchester disks.
- Developed and enhanced video controller firmware and layered graphics system for PRO-350.
- Developed Computer Telephony Integration (CTI) product for telephone answering machines.

Technical Tools & Environments:

- Unix, Windows, NT, Microsoft .NET, C#, C/C++, VB, Assembler
- Java, Java script, JSP, IBM Websphere, Microsoft Commerce engine, Blue Martini
- SQL, Oracle, Foxpro, DB2, Crystal Reports, Active-Reports, MQ Series, Tuxedo, Documentum, Interwoven

Certifications & Publications:

- Industry Speaker: Internet Publishing standards (Momentum conference)
- Department of Justice: Proposal for internet forensics technology
- IBM Websphere – Certified ecommerce Solutions Expert

- Byte Magazine – Published Network Design articles
- Sync Magazine – Published Programming Techniques and Tutorials
- IEEE SigGraph – Presented ICGS Computer Graphic Standards for IEEE SigGraph conference.
- CMM & PMP – Project management methodologies
- ISO and ANSI – On International ISO and National ANSI Committees for Disk and Media format standards

Non-litigation consulting work:

The following lists the companies for whom I was employed or for whom have consulted for non-litigation matters for at least the last 5 years.

- eComp Consultants – 2001 - present
- Alcatel – Lucent – 2008 - 2011
- Verisign - 2011
- Smith & Nephew – 2001 - 2002
- Evatone, Inc – 2002 - 2007
- McGraw Hill - 2002 - 2006
- AAA Travel – 2004 - 2005
- Pro Marine – 2005 - 2006
- Capitol One – 2007
- Network 1 Security Solutions – 2012 – 2013 – evaluation of call center technologies
- LGreen Deals – 2012 – 2015 – evaluation of technologies and startup companies for investment opportunities
- Vaud Advisors Social Media Technology Funds – 2014 – 2016 – identification and selection of technology startup companies
- 3M Futures South Africa – 2014 – 2016 – Mobile payment authentication
- Logiclink – 2015 – IP evaluation for hotel business kiosks
- Mario Constanze – 2019 – Evaluation of Blockchain and Cryptocurrency technology

Certifications & Publications:

- Industry Speaker: Internet Publishing standards (Momentum conference) – 2006
  Publishing high volume content for print and web
- Department of Justice: Proposal for internet forensics technology – 1999
  Methods for fingerprinting and detecting copyright material during transmission
- IBM Websphere – Certified ecommerce Solutions Expert - 2000
- Byte Magazine – Published Network Design articles. 1980
- Sync Magazine – Published Programming Techniques and Tutorials 1980-1982
- IEEE SigGraph – Presented ICGS Computer Graphic Standards for IEEE SigGraph conference. 1984
- CMM & PMP – Project management methodologies – 1996 - 1998
- ISO and ANSI – On International ISO and National ANSI Committees for Disk and Media format standards – 1981-1984

Court Testimony Experience:
The following is a list of matters in which I have testified in court in at least the past five years.

- *3M Future Africa (PTY) LTD v. The Standard Bank of South Africa LTD, MTN Group Limited and MTN Mobile Money SA (PTY) LTD,* Case #: Patent 2002/2337 (South African High Court) Testifying expert patent infringement and patent validity for the Plaintiff for Online Payments Technology. Bench trial: Testified on the stand for 2.5 days (bench trial). The judge ruled in favor of the Plaintiff on all points of contention for both Infringement and Patent Validity and cited the expert's opinion in each ruling.

- *Kenneth Nkosano Makate v Vodocom*, Case number: 08/20980 (SOUTH GAUTENG HIGH COURT, JOHANNESBURG, SOUTH AFRICA)
  Testifying Expert with Report and Trial Testimony opining on the viability of Makate's concept idea for the "Buzzing Option" that became the "Please Call Me" product; explain other similar concepts used by other service providers and how other business would reward for such a concept that significantly increase revenue and profit for the company. Technology in this case was Unstructured Supplementary Service Data (USSD) a protocol used by GSM cellular telephones to communicate with service provider's computers. USSD can be used for WAP browsing, prepaid callback service, mobile-money services, location-based content services, menu-based information services, and as part of configuring the phone on the network. The judge ruled that Makate should be granted an arbitration hearing to receive compensation for his invention.

- S*wapalease, Inc. v. Sublease Exchange.com, Inc.*, 1:07 CV 00045-SSB (S.D. Ohio 2007)
  Expert for Plaintiff on infringement for the Plaintiff. Patent litigation involving online auto leasing technology. Testified at *Markman* Hearing. The judge accepted 3 out of 5 of the Plaintiff's claim constructions.

- *Fintech v. iControl Systems,* 8:17-cv-00190 (M.D. Florida), filed 1/24/17
  Testified on the misappropriation of financial transaction and ecommerce trade secrets for the regulated purchase and sale of alcoholic products. Judge awarded compensatory damages and double punitive damages to the plaintiff.
  January 2018 – March 2020

- *Logiclink v. Keylink*, CV07-1056-DOC(MLGx) (C.D. Cal.)
  Patent infringement dispute for the Plaintiff, concerning eCommerce for Kiosks for Hotel Business centers. Bench trial: The judge ruled in favor of, and awarded damages to the client.

- *Black Hills Media, LLC v. Samsung, et al.* INV# 337-TA-882 *[ITC case]*, filed 5/13/2013
  Samsung, LG, Panasonic, Toshiba, Sharp
  Testifying Expert on infringement and patent validity for the plaintiff, regarding media streaming, playlists, and geolocation technology. Testified at the ITC hearing. The ITC administrative judges ruled that the accused products did meet the limitation of the claims, but where not in an infringing state at the time of importation.
  July 2014-October 2016

- *CertusView v. S&N,* 2:13-cv-346 (MSD) (LRL) (E.D. Virginia), filed 5/29/13
  Testifying Expert regarding geolocation. U.S. PATENT # 8,265,344, 8,290,204, 8,340,359, 8,407,001, AND 8,532,341. Testifying Expert in inequitable conduct trial concerning impact of undisclosed prior art.
  March 2014-March 2016

- *LivePerson, Inc. v. 24/7 Customer, Inc., Case No. 4:17-cv-01268-JST (*N.D. California), filed 3/10/17*; 1:14-cv-01559-RWS (*S.D. New York), filed 3/4/14
  Testified in an eCommerce and eMarketing regarding the monitoring of user online behavior, online traffic and tracking based on user behavior versus sales conversions.
  March 2018 - 2021

- *Dynamics Inc. v. Samsung Electronics, Co., Ltd.,* ITC Inv. No. 337-TA-1170 Filed July 12. 2019
  Testified at ITC hearing regarding infringement and validity of mobile and wireless payment technology for emulation of NFC / RFID and MST (Magnetic Secure Transactions) to POS terminals.

July 2019 – 2021

- *AnywhereCommerce/BBPOS v. Ingenico, Inc., et al;* Case No: 1:18-cv-05824-MLB (N.D. Georgia) 1:19-cv-11457 (D. Massachusetts), filed 12/20/18
  Testtifying Expert regarding eCommerce, Wireless Networks, Point-of-Sale devises and transactions
  March 2021 – May 2023

Case History:
The following is a list of matters in which I have testified and/or provided expert services (the underlined party identifies which party I was retained by), including all such matters where I have provided written or oral testimony in at least the past five years.

• *Progressive v. State Farm, et al.* CBM2012-00003 (filed 9/16/12), CBM2013-00004 (filed 10/15/12) (PTAB)
State Farm Insurance, Hartford Insurance, Liberty Mutual Insurance, Safeco Insurance, Ohio Casualty Insurance, Open Seas Solutions, Octo Telematics
Testifying Expert regarding e-Commerce and vehicle telematics systems. Provided Patent Re-exam Declarations.
March 2013 – February 2014

• *Black Hills Media, LLC v. Samsung, et al.* INV# 337-TA-882 *[ITC case]*, filed 5/13/2013
Samsung, LG, Panasonic, Toshiba, Sharp
Testifying Expert regarding Google Latitude running on smartphones and smart phones running software which can direct the streaming of content between, for example, a laptop and a TV or Blu-ray player. Providing device analysis and code review, Infringement Reports and Rebuttal Reports.
July 2014 – October 2016

• *Rembrandt Social Media, LP v. Facebook, Inc. and ADDTHIS, Inc.,* 1:13cv158 (TSE/TRJ) (E.D. Virginia), filed 2/4/13
Testifying Expert regarding social media user content and 3rd party interaction -the diary page and "Like" feature. Provided Non-Infringement Report and deposition.
May 2013 – June 2014

• *Indacon, Inc v. Facebook, Inc.* 5:10-cv-966-OLG (W.D. Texas), filed 12/1/10
Testifying Expert regarding automated creation of user-defined hyperlinks in a database. Provided Non-Infringement Report and deposition.
March 2014 – August 2014

• *GeoTag, Inc v. Frontier Communications Corp. et al.* 2:10-cv-00265 *(E.D. Texas) [Multiple cases]*, filed 7/23/10
Macy's, Genesco, AGCO Corp., The Rockport Company, LLC., Hennes & Mauritz LP (H&M), Gander Mountain Company, Godiva Chocolatier, DSW, National Interlock Systems
Testifying Expert regarding e-Commerce, Geo location, store locator-based technology. Provided Non-Infringement Reports for multiple defendants.
July 2013 – January 2014

• *ComplementSoft v. SAS Institute,* 12-cv-7372 (N.D. Illinois), filed 9/14/12
Expert regarding software development tools, database manipulation, SAS programming.
March 2013-February 2015

• *Media Rights Technologies v. Capital One, et al.,* 1:13-cv-476-AJT/TRJ (E.D. Virginia), filed 4/19/13
Expert regarding secure internet Banking System technology USPatent# 7316033.

August 2013 – January 2014

• *CertusView v. S&N,* 2:13-cv-346 (MSD) (LRL) (E.D. Virginia), filed 5/29/13
Testifying Expert regarding geolocation. U.S. PATENT # 8,265,344, 8,290,204, 8,340,359, 8,407,001, AND 8,532,341.
MA 2014-DECEMBER 2014

• *Bright Edge v SearchMetrics,* 4:14-cv-01009 (N.D. California, San Francisco), filed 3/4/14
Testifying Expert regarding search optimization, USPatent# 8478700, USPatent# 8478746.
July 2014 – November 2014

• *Black Hills Media, LLC v. Sonos,* 2:14-CV-00486 SJO (PJWx) (W.D. California), filed 1/21/14
Testifying Expert regarding delivery of stored and streaming audio content over wide-area and local area networks. U.S. PATENT # 6,757,517, 7,236,739, 7,742,740 and 6,826,283
July 2014 – October 2016

• *Yamaha Corp of America v. Black Hills Media, LLC,* 2013-00593, IPR2013-00594, (PTAB), filed 9/18/13
Testifying Expert regarding software which can direct the streaming of content between devices, for example, a laptop and a TV or Blu-ray player. Providing Inter Partes Review Declaration Reports. U.S. PATENT # 8,050,652, 8,045,952
July 2014 – August 2014

• *Samsung Electronics, et al. v. Black Hills Media, LLC,* IPR2014-00737 (filed 5/8/14), IPR2015-00334 (filed 12/3/14), IPR2014-00740 (filed 5/9/14), IPR2015-00340 (filed 12/3/14), IPR2014-00735 (filed 5/7/14) (PTAB)
Testifying Expert regarding software which can direct the streaming of content between devices, for example, a laptop and a TV or Blu-ray player. Providing Inter Parties Review Declaration Reports. U.S. PATENT # 8,050,652, 8,045,952, 6,618,593
July 2014-October 2016

• *GT Nexus v Inttra, Inc.*, 4:11-cv-02145-SBA (N.D. California), filed 5/2/11
Testifying Expert regarding networks & systems used for logistics management. Provided Declaration for CBM petitions. U.S. Patent No. 7,761,387, 7,752,142, 7,827,119, 7,756,794
January 2015 – Sept 2016

• *MyKey Technology, Inc. v. Intelligent Computer Solutions, Inc.,* 2:13-ml-02461-AG (PLAx) MDL NO. 2461 (C.D. California, Southern Division), filed 8/16/13
Testifying Expert regarding hard drives and other mass storage devices, how to access "hidden" storage and cleaning a disk. Provided Validity Rebuttal and MSJ Declaration. U.S. Patent No. 6,813,682, 7,228,379
March 2015 – June 2015

• *Biosignia Inc. v. Life Line Systems*, 1:12-cv-01129-UA-JEP (M.D. North Carolina), filed 10/22/12
Testifying Expert regarding Contract Dispute concerning Health Risk Assessment System.
July 2015 – January 2016

• *Versata Software, Inc. et al. v. Callidus Software Inc.*, C.A. No. 1:10-cv-00781-SLR (D. Delaware), filed 9/14/10
• *Versata Software, Inc. et al. v. Callidus Software Inc.*, C.A. No. 1:12-cv-00931-SLR (D. Delaware), filed 7/19/12
Testifying Expert regarding expertise in sales force automation, workflow analysis, process automation, event management and detection, rules-based systems. Provided analysis for infringement report.
August 2014 – November 2014

• *BuySafe v. Google*, 3:13-cv-00781-HEH (E.D. Virginia), filed 11/25/13
Testifying Expert regarding patent litigation concerning eCommerce specifically to determining the efficacy (effectiveness, strength, success, etc.) of offers that are related to online transactions. The efficacy is determined based on a user's actions in the online environment.
May 2014 – September 2014

• *Phoenix v. General Motors*, 2:13-cv-1093 (E.D. Texas), filed 12/11/13
Testifying Expert regarding patent litigation concerning US Patent 5,987,434 - Apparatus and method for transacting marketing and sales of financial products, US Patent 7,890,366 - Personalized communication documents, system and method for preparing same, US Patent 8,352,317 - System for facilitating production of variable offer communications.
May 2015 – August 2015

• *Macropoint v. FourKites*, 1:15-cv-01002 (N.D. Ohio), filed 5/19/15
Testifying Expert regarding patent litigation concerning U.S. Pat. Nos. 8,604,943, 9,070,295, 9,082,097, 9,082,098, and 9,087,313. At a very high level, the patents are directed to methods and systems for monitoring and tracking the location of a vehicle or freight in transit. Evaluated the claims of the asserted patents to opine on whether the claims are: 1) directed to an abstract idea, and 2) in the event the court would find the claims directed to an abstract idea, how the limitations of the claims transform that abstract idea into patentable subject matter based on the Supreme Court Alice decision being barely a year old.
August 2015 – September 2015

• *Macropoint, LLC, v. Ruiz Food Products, Inc.,* 6:16-cv-1133-RSW-KNM (E.D. Texas, Tyler Division), filed 8/30/16
Testifying Expert regarding patent litigation.
October 2017 – May 2018

• *Longitude v. Apple*, 3:14-cv-04275 (N.D. California, San Francisco), filed 9/23/14
Testifying Expert regarding patent litigation concerning Flash Memory Technology. Provided claim construction support.
April 2015 – February 2016

• *Global Tel Link Corp. v. Securus Technologies, Inc.*, CBM2015-00145 (PTAB), 5/19/15
Testifying Expert regarding a CBM concerning the 7,860,222-patent titled "Systems and Methods for Acquiring, Accessing, and Analyzing Investigative Information," generally directed to acquiring, accessing, and analyzing investigative information or phone call monitoring using speech recognition/transcription of inmates within a jail.
October 2015 - December 2015

• *Global Tel Link Corp. v. Securus Technologies, Inc.*, IPR2015-01222 (PTAB), filed 5/19/15
Testifying Expert regarding an IPR concerning the patent 8,750,486 titled "Call Center for offering goods and services to an inmate population," generally directed to acquiring, accessing, and analyzing investigative information or phone call monitoring using speech recognition/transcription of inmates within a jail.
January 2016 – May 2016

• *Global Tel Link Corp. v. Securus Technologies, Inc.*, IPR2015-01225 (PTAB), filed 5/19/15
Testifying Expert regarding an IPR concerning the patent 8,886,663 titled "Multi-party Conversational analyzer and logger," generally directed to acquiring, accessing, and analyzing investigative information or phone call monitoring using speech recognition/transcription of inmates within a jail.
January 2016 – June 2016

• *CaptionCall v* *Ultratec, Inc*, IPR2015-01355 (5,974,116) (filed 6/8/15), IPR2015-01357 (6,934,366) (filed 6/8/15), IPR2015-01358 (xpe7,006,604) (filed 6/8/15), IPR2015-01359 (6,493,426) (filed 6/8/15), IPR2015-00636 (8,917,822) (filed 1/29/15), IPR2015-00637 (8,908,838) (filed 1/29/15) (PTAB)
Testifying Expert regarding IPRs concerning call routing/switching that happens when a deaf or hearing-impaired individual makes a phone call.
October 2015 -March 2017

• *Centrak, Inc. v Sonitor Technologies*, Inc., 1:14-cv-183-RGA (D. Delaware), filed 2/12/14
Testifying Expert regarding patent litigation concerning an application on a smart phone which allows a person to walk into a hospital, have infrastructure pick up patient information and send it to say, an MRI office, so office is ready for the patient when patient arrives. Expertise in low energy blue tooth and way finding and Ultrasonic Tags communicate with Stations. Provided infringement report and invalidity rebuttal.
February 2016 – May 2018

• *Intellectual Ventures II LLC v. T-Mobile USA, Inc., et al.,* C.A. No. 1:13-cv-1633-LPS (D. Delaware), filed 10/1/13*;*
Intellectual Ventures II LLC v. Nextel Operations, et al., (on behalf of Sprint) C.A. No. 1:13-cv-1635-LPS (D. Delaware), filed 10/1/13*;*
Testifying Expert regarding non-infringement of US Patent No. 6,115,737 and the 5,339,352 concerning accessing customer contact services over a network and a Directory assistance call completion via mobile systems.
March 2016 – October 2016

• *Askeladden LLC v. N5 Technologies LLC* IPR2017-00083 – 7,197,297 (PTAB), filed 10/14/16*;*
Testifying Expert regarding IPR of US Patent No. 7,197,297 concerning mobile messaging and authentication of mobile devuce users.
September 2016 – January 2018

• *Askeladden LLC v. Verify Smart Corp.* IPR2017-00726 – 8,285,648 (PTAB), filed 1/18/17*;*
Testifying Expert regarding IPR of US Patent No. 8,285,648 concerning electronic transactions and authentication of customers using mobile devices.
November 2016 – February 2018

• *Askeladden LLC v. Digital Verification* IPR2018-00745 – 9,054,860 (PTAB), filed 3/6/18;
Testifying Expert regarding patent litigation.
December 2017 – March 2018

• *Infinity Computer Products, Inc. v. Toshiba America Business Solutions, Inc.,* 2:12-cv-06796-NIQA (E.D. Pennsylvania), filed 12/5/12
Testifying Expert.
November 2017 – May 2018

• *IXI Mobile (R&D) LTD. and IXI IP, LLC v. Blackberry Limited, et al.,* 2:15-cv-01883-JRG-RSP (E.D. Texas, Marshall Division), filed 11/25/15
Testifying Expert.
July 2016 – October 2016

• *Financial Information Technology v. Mark Lopez,* 8:15-cv-02784-T-30AEP (M.D. Florida), filed 12/3/15
Payment processing system, Trade Secrets, Breach of Contract
November 2016 – May 2017

• *Fintech v. iControl Systems,* 8:17-cv-00190 (M.D. Florida), filed 1/24/17
Testifying Expert.
January 2018 – March 2020

• *Alexsam, Inc. v. Green Dot Corporation, Next Estate Communications, Inc., and Does 1 through 10, inclusive, Case No 2:15-cv-05742 CAS(PLAx) (C.D. California, Western Division)*, filed 7/29/15
Testifying Expert.
January 2017 – July 2017

• *Wex Health, Inc., v. Alexsam, Inc.,* Case No 2:17-cv-00733-RWS-RSP (E.D. Texas, Marshall Division), filed 11/8/17
Testifying Expert.
May 2018 – January 2019

• *Bank of the West v. Trisport.com L.L.C., and Seton Claggett and Deborah Claggett,* Case No C2013-1286 (Superior Court of Arizona), filed 2013
eCommerce, eMarketing, Internet Sales, Fulfillment and traffic statistics
November 2016 – May 2017

• *Noble Systems Corp. v. Kabbage, Inc.,* JAMS Arbitration No: 14400004993 (Atlanta, Georgia), *filed 2016*
High Volume Call Center Requirements, Call Center Industry practices
November 2016 – February 2017

• *ComplementSoft LLC v. SAS Institute Inc.,* 1:12-cv-07372 (N.D. Illinois), filed 9/14/12
Testifying Expert.
April 2013 – February 2015

• *Intellectual Ventures II LLC v. T-Mobile USA, Inc., et al, C.A No* 1:13-cv-1635-LPS (D. Delaware), filed 10/1/13*; Intellectual Ventures II LLC v. Nextel Operations, et al, C.A No* 1:13-cv-1635-LPS (D. Delaware), filed 10/1/13*; Intellectual Ventures II LLC v. United States Cellular Corp., C.A No* 1:13-cv-1637 (D. Delaware), filed 10/1/13
Testifying Expert.
March 2016 – November 2016

• *ConnectSoft, Inc. v. NEEO Inc.,* Case No. 2:16-cv-00548-JRG (E.D. Texas, Marshall Division), filed 5/23/16
Testifying Expert.
January 2017

• *LivePerson, Inc. v. 24/7 Customer, Inc., Case No. 4:17-cv-01268-JST (*N.D. California), filed 3/10/17*; 1:14-cv-01559-RWS (*S.D. New York), filed 3/4/14
Testifying Expert.
March 2018 - Current

• *Performance Price Holdings, LLC and its affiliates (PPH) v. Google LLC,* 1:15-cv-09712-LGS (S.D. New York), filed 12/11/15 – 0:2018bcaag01189; 0:2018bcaag01191 (U.S. Court of Appeals, Federal Circuit - CBM2016-00050 for Patent No. 8,799,059, CBM2016-00049for
Patent No. 7,089,195
Testifying Expert.
October 2015 – March 2017

• *Free Stream Media Corp. d/b/a Samba TV v. Alphonso, Inc., 3:17-cv-02107 (N.D.* California*)*, filed 4/19/17

Testifying Expert
February 2017 – October 2018

• *TicketNetwork, Inc. et al. v. CEATS, Inc.*, Case Nos. IPR2018-00244 (filed 11/27/17) and IPR2018-00245 (filed 11/28/17) (PTAB);
Testifying Expert regarding patent litigation
September 2018 – December 2018

• *CG Technology Development, LLC et al v. DraftKings, Inc.,* Case No. 2:16-cv-00781 (D. Nevada), filed 4/7/16;
CG Technology Development, LLC et al v. FanDuel, Inc.; Case No. 2:16-cv-00801 (D. Nevada), filed 4/8/16;
CG Technology Development, LLC et al. v. 888 Holdings PLC, Case No. 2:16-cv-00856 (D. Nevada), filed 4/14/16;
CG Technology Development, LLC et al v. Big Fish Games, Inc., Case No. 2:16-cv-00857 (D. Nevada), filed 4/14/16;
CG Technology Development, LLC et al v. Double Down Interactive, LLC, Case No: 2:16-cv-00858 (D. Nevada), filed 4/14/16;
CG Technology Development, LLC et al v. Zynga, Inc., Case No: 2:16-cv-00859 (D. Nevada), filed 4/14/16;
CG Technology Development, LLC et al v. Bwin.Party Digital Entertainment, PPLC et al, Case No: 2:16-cv-00871 (D. Nevada), filed 4/15/16;
Testifying expert on network gaming, gaming interfaces, and wagering strategies. Performed code reviews and infringement contentions for all defendants.
June 2017 - Current

• *Great West Casualty Company, Bitco General Insurance Corporation and Bitco National Insurance Company v. Intellectual Ventures II, LLC.,* Case NO. IPR2015-01706, U.S. Patent 7,516,177 (PTAB), filed 8/12/15
April 2019 – June 2019

• *Uniloc v Autodesk*, 2:15-cv-01187 (E.D. Texas), filed 6/30/15
Consulting Expert regarding non infringement of US Patent No 7783,523 & 8,515,820 concerning systems that facilitated the pricing of construction projects.
February 2017 – July 2017

• *Bellsouth v American Infoage*, *Sago Data Center*; Case No: 14-A-07233-1 (Superior Court of Gwinnett County Georgia), file 2014
Consulting Expert regarding contract dispute where Bellsouth claims they are entitled to easement / free space and power in Sago Data Center. Providing consulting expertise on telecommunication acts, and LEC / CLEC regulation and Data Center practices.
August 2015 – September 2015

- *Karamelion, LLC. v. AT&T Digital Life, Inc.,* Case No. 2:18-cv-331-JRG (E.D. Texas), filed 8/1/18
  Closed 9/5/2019

- *Rpost Holdings, Inc et al v. DocuSign, Inc.,* Case No: 2:12-cv-00683-JRG (E.D. Texas), filed 10/25/12
  January 2019

- *Paid Easy Corp. d/b/a Paideasy v. Mastercard International Incorporated d/b/a Mastercard,* Index No: 63152/2017 (Supreme Court of New York County of Westchester); filed 2017
  Mobile Payments, Point of Sale Integration, Trade Secrets
  March 2019

- *International Business Machines Corporation (IBM) v. Expedia, Inc.*, Case No: 1:17-cv-01875-LPS CJB (D. Delaware), filed 12/29/17
  Pre-internet partitioned apps w/ Advertising, HTTP state and cookies, single sign-on
  May 2019 – July 2019

- *irth Solutions, LLC v. Apex Data Solutions and Service, LLC et al,* Case No: 6:18-cv-06884 (W.D. New York), filed 12/6/18
  Utility Location systems, Locator and Dig tickets, Trade Secrets
  May 2019 -June 2021

- *CG Technology v. William Hill U.S. Holdco, Inc. and Brandy Wine Bookmaking LLC,* Case No: 1:18-cv-00533 (D. Delaware), filed 4/10/18
  Location Determination, Gaming, User Verification/ Age detection
  April 2019 – September 2020

- *Microchip Technology Inc., v. Delphi Automotive Systems, LLC,* Case No: 1:17-cv-01194-LPS-CJB (D. Delaware), filed 8/24/17
  Peripheral and Devices interfaces, Multi-drop/Multi-host USB and Communications Protocols
  February 2018 – current

- *Uniloc USA, Inc. et al. v. Motorola Mobility, LLC,* Case No: 1:17-cv-1658 (D. Delaware), filed 11/15/17
  CTI, Configurable Telephony appliances, Device interface protocols
  October 2018- January 2019

- *Ubiquitous Connectivity LP v. TXU Energy Retail Company, LLC,* Case No: 3:18-cv-02084 (N.D. Texas), filed 8/10/18
  Distributed Appliance monitoring and control, Multi-hop mesh networks
  October 2018 – January 2019

- *Digital Media Technologies, Inc. v. Amazon.com, Inc.,* Case No: 0:2017cvpri02409*; Digital Media Technologies, Inc. v. Hulu, LLC,* Case No: 0:2017cvpri02410; *Digital Media Technologies, Inc. v. Netflix, Inc.,* Case No: 0:2017cvpri02408 (U.S. Court of Appeals, Federal Circuit), filed 8/9/17
  Media Distribution, Digital Rights Management, Media License Encryption
  March 2018 – November 2018

- *Implicit, LLC v. Sandvine Corporation,* Case No: 2:18-cv-00054 (E.D. Texas), filed 3/8/18*; Implicit, LLC v. NETScout Systems, Inc.,* Case No: 2:18-cv-00053 (E.D. Texas), filed 3/8/18
  October 2018

- *Alexsam, Inc. v. Mastercard International Inc.* Case No: 1:15-cv-02799(E.D. New York), filed 5/14/15
  Point-of Sale, Multifunction Card Activation, Transaction processing
  January 2017- Current

- *Alexsam, Inc. v. Cigna Corporation et al,* Case No: 2:20-cv-00081 (E.D. Texas), filed 4/30/20
  eCommerce, Banking Networks, Point-of-Sale devices and transactions
  February 2021- Current

- *Alexsam, Inc. v. UMB Financial Corp.* Case No: 2:20-cv-00082 (E.D. Texas), filed 3/18/20
  eCommerce, Banking Networks, Point-of-Sale devices and transactions
  April 2021- Current

- *Alexsam, Inc. v. Simon Property Group L.P., Blackhawk Network, Inc., American Express Travel Related Services Company, Inc., U.S. Bank, N.A.; Case No: 2:2019-cv-00331* (Texas Eastern District Court); filed 10/11/2019
  Testifying expert for payments systems, multifunction credit cards, and point of sale systems

- Alexsam, Inc. v. WageWorks, Inc.; Case No: 3:2019-cv-04538 (California Northern District Court); filed 8/2/2019
  Testifying expert for payments systems, multifunction credit cards, and point of sale systems
  October 2019 – December 2020

- Alexsam, Inc. v. Aetna Inc.; Case No: 3:2019-cv-01025 (Connecticut District Court); filed 6/18/2019
  Testifying expert for payments systems, multifunction credit cards, and point of sale systems
  April 2019

- *SiteLock LLC v. Comodo Holdings Limited et al.,* Case No: 2:17-cv-04080 (D. Arizona), filed 11/3/17
  Website Security, Online Trust System, 3rd Party Validation/Transaction Authentication
  July 2018- Sept 2018

- *Tamabo, Inc. v. Koninklijke Philips N.V.,* Case No: 2:17-cv-00750 (E.D. Texas), filed 11/21/17
  June 2018 – September 2018

- *Energy Intelligence Group, Inc. et al v. Mizuho Bank, Ltd,* Case No: 1:17-cv-01508 (S.D. New York), filed 2/28/17
  ePublishing, Copyright, Digital Rights Management
  July 2018- August 2018

- *Keynetik, Inc v. Samsung Electronics Co., Ltd and Samsung Electronics America, Inc.,* Case No: 2:17-cv-02794 (D. New Jersey), filed 4/24/17
  Fleet Management, Geolocation, Accounting
  September 2017 – June 2018

- *Edible International, LLC et al v. Google, LLC,* Case No: 3:18-cv-00216 (D. Connecticut), filed 2/5/18
  Search Engine Optimization, eMarketing, Geo & Location based Search
  May 2018

- *Re/Max, LLC v. Quicken Loans, Inc.,* Case No: 1:16-cv-02357 (D. Colorado), filed 9/19/16
  eCommerce Contract disputes, eMarketing, Financial Products, Commercial Websites
  May 2018

- *Fantasy Interactive Inc. v. HTC Corporation,* Case No: 2:16-cv-01720 (W.D. Washington), filed 11/4/16
  Industry standards for Website development and software project management
  January 2018 – April 2018

- *Noble Systems Corp., v. AGR Group, LLC,* Case No: 8:16-cv-03406 (M.D. Florida), filed 12/14/16
  Call Center Operations, Software Licensing
  December 2016 – May 2017

- *Paysys International, Inc v. Atos Se, et al cases,* Case No: 1:14-cv-10105 (S.D. New York), filed 12/23/14
  Credit Card Business Process, Copyright, Code review
  July 2016 – April 2017

- *IBM v. Amazon.com,* Case No: 9:06-CV-242 (E.D. Texas), filed 10/26/06
  May 2019 – Current

- *Dynamics Inc. v. Samsung Electronics, Co., Ltd.,* ITC Inv. No. 337-TA-1170 Filed July 12. 2019
  Testifying expert for mobile and wireless payment technology for emulation of NFC / RFID and MST (Magnetic Secure Transactions) to POS terminals.
  July 2019 – 2021

- *Dynamics Inc. v. Samsung Electronics, Co., Ltd.,* Case No. 1:19-cv-06479 (S.D. New York), filed 7/12/19
  Testifying expert for mobile and wireless payment technology for emulation of NFC / RFID and MST (Magnetic Secure Transactions) to POS terminals. July 2019 – 2021
  April 2019 - current

- *AnywhereCommerce v. Square* IPR2019-01625, IPR2019-01627, IPR2019-01629, IPR2019-01649, IPR2019-01650, IPR2019-01651, IPR2019-01652, IPR2019-01653, IPR2019-01654 (PTAB), filed 9/30/19
  Mobile/Wireless Point of Sale Data Communications. Financial and Card transactions
  July 2019 - current

- *Merck & Co., Inc et al v. Merck KGAA;* Case No. 2:16-cv-00266 (D. New Jersey), filed 1/15/16
  Use of Tradenames within a Domain/Area, Web Analytics, Geofencing, Geo-Blocking, Search Engine behavior
  June 2019 – August 2019

- *Arendi S.A.R.L. v. Google LLC*, 1:13-cv-919-LPS*; Arendi S.A.R.L. v. Oath Holdings Inc. et al.,* 1:13-cv-920-LPS*; Arendi S.A.R.L. v. Microsoft Mobile Inc.,* 1:12-cv-1599-LPS*; Arendi S.A.R.L. v. Apple Inc.,* 1:12-cv-1596-LPS*; ArendiS.A.R.L. v. LG Electronics Inc., et al.,* 1:12-cv-1595-LPS*; Arendi S.A.R.L. v. Sony Mobile Communications (USA) Inc., et al.,* 1:12-cv-1602-LPS*; Arendi S.A.R.L. v. Blackberry Ltd., et al.,* 1:12-cv-1597-LPS*,* all pending in the United States District Court for the District of Delaware*;* and *Arendi S.A.R.L. v. HTC Corp. et al., 2:18-cv-1725-BJR,* pending in the United States District Court for the Western District of Washington.
  User-device interfaces, smart lookup, auto completion technology
  August 2019 – February 2020

- *Digital Retail Apps. Inc., v. HEB Grocery Company, LP;* Case No: 6:19-cv-00167 (W.D. Texas), filed 2/20/19
  Wireless POS and payment devices, secure payment authorization, dynamic token generation
  August 2019 – Current

- *NICE Ltd. et al v. CallMiner Inc.;* Case No: 1:2018cv02024 (Delaware District Court), filed 12/19/2018
  Call Center, Call and Event recording, Speech and Data analysis
  July 2020 – August 2021

- *Oanda Corporation v. Gain Capital Holdings, Inc. et al;* Case No: 3:20-cv-05784 (D. New Jersey), filed 5/11/20
  Financial & Trading Systems, Currency Exchange, Financial transaction
  July 2020 – Current

- *Oanda Corporation v. StoneX Group, Inc.;* Case No: 1:20-cv-07785 (N.D. Illinois), filed 12/30/20
  eCommerce, Financial Transactions, eTrading
  March 2021 – Current

- *AnywhereCommerce/BBPOS v. Ingenico, Inc., et al;* Case No: 1:18-cv-05824-MLB (N.D. Georgia) 1:19-cv-11457 (D. Massachusetts), filed 12/20/18
  eCommerce, Wireless Networks, Point-of-Sale devises and transactions
  March 2021 – Current

- *Flightdocs II, LLC v. Traxxall Services, Inc., and Dawn King;* Case No: 19-ca-006797 (Lee County Florida), filed 10/14/19 – Trade Secrets
  ERP Systems, Facility Management and Equipment Maintenance
  April 2021 – Current

- *Alorica, Inc* v. Fortinet, Inc.; Case No: 19CV344971 (Superior Court of California, County of Santa Clara), filed 10/21/2020
  Call Center Network Communications, VoIP, Routing, Breach of Contract, SD-WAN
  December 2020 – Current

- *Drips Holdings, LLC v. Teledrip LLC, et all.;* Case No: 5:2019-cv-02789 (Ohio Northern District Court) filed 1/26/2019
  Conversational Market technology, Natural language recognition, eMarketing
  September 2021 - Current

- *Island Intellectual Property LLC v. TD Ameritrade, Inc. et al.*, Case No, 2:21-cv-273 (E.D. Tex.) filed July 20, 2021
  Banking and Financial transactions, Aggregate deposit, Sweep Accounts
  October 2021 - Current

- *Digital Retail App Inc. v. Sam's Club West, Inc. d/b/a Sam's Club*; Case No. 2:21-CV-00184-JRG-RSP (E.D. Tex.), filed 5/26/2021
  Wireless POS and payment devices, secure payment authorization, in-store self-payment
  August 2021 – March 2022

- *ClearDoc, Inc. v. RiversideFM, Inc.,* Case No. 1:2021-cv-01422 (Delaware District Court) filed 10/6/2021
  Mobile communication, Media recording and transmission protocols
  September 2021 – Current

- *B.E. Technology, L.L.C v. Google, LLC;* Case No: 1:2020-cv-00622 (Delaware District Court)*; B.E. Technology, L.L.C v. Twitter, Inc*; Case No: 1:2020-cv-00621 (Delaware District Court) Patent Nos: 8,549,410, 8,549,411 and 8,769,440
  Targeting Advertising from Content tagging/Keywords (Device id, location, content, and keyword history)
  May 2020 – Current

- *Semafone Limited and Semafone, Inc., v. PCI PAL (U.S.) Inc.,* Case No: 3:2021-cv-00486 Western District Court of N. C.); filed 9/15/2021

Call signal processing, CTI/Computer telephony integration, Call center payment transactions
November 2021 - Current

- *Applications In Internet Time, LLC v. Salesforce.com; Case No. 3:13-cv-00628-RCJ-VPC* (Nevada District Court); filed 11/8/2013
  Multi-tenancy call centers, Client/Server/Browser based app design, Dynamic generation of app and UI, Automated change management
  October 2021 – September 2023

- *Droplets, Inc. v. Yahoo! Inc.; Case No: 12-cv-04047-JST; Droplets, Inc. v. Nordstrom, Inc. Case No: 12-cv-04049-JST* (N.D. Court of California); filed 8/1/2012
  Web Marketing, Analytics, eCommerce systems, GUI & Web Metrics
  Case resulted in 15 million dollar settlement for Droplets client
  November 2020 – April 2023

- *General Video v. Vivo Technologies Sdn Bhd;* Case No: WA-22IP-80-12/2020 (High Court of Malaya at Kuala Lumpur
  Compressed video transmission & synchronization, MPEG, ISO 13818
  November 2021 – Current

- *Epic Tech, LLC v. Fusion Skill, Inc., et al*; Case No: 4:2019-cv-02400 (Texas Southern District Court); filed 7/3/2019
  Online Gaming, Sweepstakes, Game payout, Patent & Trade Secrets
  June 2020 - Current

- *Epic Tech, LLC v. Penn-Tech Associates, Inc.;* Case No: 1:2020-cv-02428 (Georgia Northern District Court); filed 6/5/2020
  Online Gaming, Sweepstakes, Game payout, Patent & Trade Secrets
  September 2020 – Current

- *Askeladden LLC v. Mobile Equity Corp.;* Patent No. 10,535,058 and 8,589,236(PTAB)
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  November 2021 – Current

- *Askeladden LLC v. Electronic Receipts Delivery Systems, LLC;* Patent No. 10,535,058 and 8,589,236(PTAB)
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  February 2020 – Current

- *Askeladden LLC v. Authwallet LLC;* Patent No. 8,280,776 (PTAB)
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  August 2020 – Current

- *Askeladden LLC v. eCredit Solutions LLC;* Patent No. 8,788,353 (PTAB)
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  November 2020 – Current

- *Askeladden LLC v. Xylon Licensing LLC;* Patent No. 8,719,165 (PTAB)
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  January 2021 – Current

- *Askeladden LLC v. AML IP LLC;* Patent No. 6,876,979 (PTAB)
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  September 2021 – Current

- *Askeladden LLC* v. Kioba Processing LLC; Patent No. 7,110,792 B2
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  July 2022 - Current

- *Askeladden LLC* v. Liberty Peak Ventures LLC; Patent No. 7,837,100 B2 and 8,905,301 B2
  Testifying Expert on Payment transactions, Point of Sale, and Authentication systems
  November 2022 – Current

- *CoolTvNetwork.com, Inc. v. Facebook, Inc.; Case No: 19-292-LPS-JLH; CoolTvNetwork.com, Inc. v. International Business Machines Corp.; Case No: 19-293-LPS-JLH; CoolTvNetwork.com, Inc. v. Limelight Networks, Inc.; Case No: 19-292-LPS-JLH; CooltTvNetwork.com, Inc. v. Microsoft Corp.; Case No: 19-296-LPS-JLH; CoolTvNetwork.com, Inc. v. Ooyala Inc.; Case No: 19-297-LPS-JLH; CoolTvNetwork.com Inc. v. SNAP Inc.; Case No: 19-534-LPS-JLH; CoolTvNetwork.com Inc. v. Trapelo Corp; Case No: 19-535-LPS-JLH* (District of Delaware); filed 2/11/2019
  Media Hotspot/hyperlink actions, User interface for eCommerce activities (shop, bid, interact)
  October 2020

- *Business Solutions, LLC v. Banir Ganatra et al;* Case No: 8:2018-cv-01426 (California Central District Court); filed 8/10/2018
  Search Engine Optimization, Market Segmentation, eMarketing economics and ROI, Trade Secrets
  October 2019 – March 2022

- *Energy Intelligence Group, Inc. et al v. Lazard Freres & Co. LLC; Case No: 4:2018-cv-02241* (Texas Southern District Court); filed 6/28/2018
  Testifying expert for copyright infringement for online subscription and distribution licenses
  June 2019 -October 2019

- *MQ Gaming, LLC et al. v. LEGO Systems, Inc. et al; Case No: 1:2019-cv-00905* (Delaware District Court); filed 5/14/2019
  Video game controllers, Joystick design and mfg., User Interface
  November 2020 -March 2021

- *Kenneth Nkosana Makate v, Vodacom (PTY) LTD; Case No:08/20980 (South Gauteng High Court, Johannesburg)*
  Testifying expert regarding the technology valuation of call back notification messaging
  May 2013 – March 2019

- *Island Intellectual Property LLC, Lids Capital LLC, Double Roock Corporation and Intrasweep LLC, v. Deutsche Bank Trust Company Americas, and Total Bank Solutions, LLC; Case No: 09Civ. 2675(VM)(ALP)* (Southern District Court of New York); filed 3/24/2009
  Provide expertise in bank transactions for Sweep Accounts, including features for interest bearing, FDIC insured, Omnibus accounts. Provided expert infringement & invalidity report and Deposition
  September 2009 – February 2012

- *Parus Holdings, Inc. v. Capital One Bank (USA) N.A.,* Case No. 2:21-cv-0395-JRG (E.D. Texas); filed 10/22/2021
  Telecom speech recognition, Natural language speech recognition, IVR voice commands

February 2022 – Current

- *Parus Holdings, Inc. v. Bank of America Corp*;, Case No:2:21-cv-00394 (E.D. Texas); filed 10/22/2021
  Telecom speech recognition, Natural language speech recognition, IVR voice commands
  July 2022 – February 2023

- *Stylitics, Inc. v. FindMine, Inc.;* Case No: 1:2022-cv-02983 (S.D. of New York); filed 4/11/2022
  Online Retail Systems, Purchase recommendations, Shopping Experience
  August 2022 – current

- *XpertUniverse, Inc. v Cisco.* Exparte Reexamination, Control No. 90/014,427
  Filed: 12/27/2019
  Patent number: 7,499,903 Semantic To Non-Semantic RoutingFor Locating A Live Expert
  Sept. 2022 - current

- *Q Technologies, Inc. v. Walmart, Inc.*; Case No: 6:2021-cv-00779 (D.C. of Texas Western); filed 7/29/2021
  Retail POS systems, Payment Systems, Data/Content sharing and distribution
  September 2022- Current

- *CloudofChange, LLC v. Lightspeed POS Inc.;* Case no. 6:2021-cv-01102 (W.D. Texas), filed 10/22/2021
  Web-based Point of Sale, Configurable POS terminals, Subscription SAS services
  April 2023 - Current

- *Blaze Mobile v. Samsung -Patent Reexam*
  Patent Nos: 10,825,007; 10,699,259
  Mobile Targeted Advertising, eCommerce Online Transactions, POS NFC transactions
  April 2023 - Current

- *Result Marketing Group, Ltd v. Southeastern Grocers, LLC et al;* Case no: 3:2021-cv-00611 (M.D. of Florida); filed 6/17/2021
  Trade Secrets, eMarketing, Outsourcing for centralizing media opportunities
  January 2023 - Current

- *Sony Group Corporation et al v. inMusic Brands, Inc.,* IPR2023-00294 (PTAB)
  filed 12/1/2022
  Patent No: 7,567,498 B2,
  Audio Signal Encoding, Media transmission, Media Players
  October 2023 – Current