

# Stephen Dixon Bristow Curriculum Vitae

## Professional Summary

Mr. Bristow has over thirty years of industry experience in the field of video, point-of-sale and telecommunications software, cable television systems, remote control systems, gaming systems and hardware design and engineering. His broadly-based experience includes the design of video game technology, a postage meter, wireless applications for electronic devices, facsimile devices, telematics products, computer telephony products and other consumer electronics. Mr. Bristow has extensive legal consulting and testimonial experience with a focus on patent infringement litigation.

## Expertise

- Coin-Operated Video Consumer Products
- Computer Telephony
- Consumer Electronics
- Electronic Game Equipment
- Facsimile Equipment & Technology
- Personal Communications Products
- Point-of-Sale Systems
- Satellite Distribution of Program Guides
- Set Top Box & Cable TV systems
- Video Game Technology
- Video Recording Systems & Display Technology
- Wireless Technologies

## Education

<u>Year</u>	<u>College or University</u>	<u>Degree</u>
1973	University of California, Berkeley	B.S.E.E., Regents Scholar with Highest Honors
1985	University of Santa Clara	M.S.E.E.

## Professional Experience

From: 2009  
To: Present  
Organization: Connexed  
Title: CTO  
Summary: Manage all hardware development, co-ordinate patenting of technology, and be part of the system architecture team of this remote video surveillance company which uses the internet to allow for intelligent acquisition and off site storage of surveillance data.

## Stephen Dixon Bristow Curriculum Vitae

This system provides for user access via IP pages and mobile messaging of the securely stored video data.

From: 2004  
To: 2009  
Organization: Plantronics, Inc.  
Title: Senior Systems Engineer  
Summary: Responsible for the coordination between Engineering and Marketing to optimally develop new products and arrange to have new technologies incorporate into future product design.

From: 1984  
To: 2007  
Organization: Wright Technology  
Title: Co-Founder & Partner  
Summary: Chief Technological Partner in this ongoing entrepreneurial consulting venture. Major projects include:

- Design of fax-phones
- 2.4 GHz spread spectrum radio systems
- Paging and other telecommunications systems products for Brother, Inc.
- Development of a postage meter based around the Hewlett Packard ink jet printer head for Pitney Bowes.

Mr. Bristow has worked with the following start-up companies provided technical management and design expertise:

Company: Consumer Design Associates  
Title: Vice President Engineering  
Mission: Design of Consumer Electronic Products  
Participation: 33% Owner

Company: XRScience  
Title: Co-Founder & Engineer  
Mission: Design of Electronics for Sports Products  
Participation: 20% Owner

Company: TV Head  
Title: Investor and Patent Co-Ordinator  
Mission: Delivery of Game Content to Set Top Boxes over the Cable TV Network. In trials with Time Warner

## Stephen Dixon Bristow Curriculum Vitae

Participation: 1% Owner

Company: Medivocci  
Title: CTO, inventor and patent co-ordinator  
Mission: Delivery of talking interactive medical charts  
Participation: 5% owner

Company: Kinetics Foundation [Grove Foundation]  
Title: Consultant  
Mission: Diagnose and repair Parkinson disease test systems, maintain repair system, design evaluation and advice  
Participation: On monthly retainer

Company: Goodman Associates  
Title: Inventor, designer and patent co-ordinator  
Mission: Delivery of talking interactive RFID based toys  
Participation: 33% owner of royalties

From: 2000  
To: 2004  
Organization: TelEvoke  
Title: Director of Hardware Engineering  
Summary: Responsible for the integration of Internet, telephony, and wireless technologies to enable users to communicate and control any TelEvoke-enabled device, either over the Internet or from any touch-tone telephone. These devices can subsequently communicate with the user through contact by whatever means the user desires, such as a mobile phone, pager, email, or facsimile.

From: 1999  
To: 2002  
Organization: Radica Innovations  
Title: Vice President of Research & Development – 2002 till 2004 retained consultant  
Summary: Responsible for all R&D for this \$150M consumer electronic product manufacturer. Products included electronic game simulators and personal gaming equipment., still a retained consultant under contract to Radica

## Stephen Dixon Bristow Curriculum Vitae

---

From: 1998  
To: 1998  
Organization: Diablo Research Corporation  
Title: Project Manager  
Summary: Directed a number of engineering teams to implement a custom development projects ranging from industrial control systems to radio communications and wireless networks. Technologies include:

- RF
- Microprocessors
- Video Systems
- Motor Control and Sensor Systems

From: 1994  
To: 1998  
Organization: Machina, Inc.  
Title: Director of Engineering, Chief Technical Officer  
Summary: 

- Responsible for overall technology strategy for this developer of personal communication products.
- Founder of electrical group with this company dedicated to the design of voice recording products and personal communications products using infrared and 900 MHz radio systems.
- Designed audio sampling, processing, storage, and transmission circuits for consumer oriented products.

From: 1993  
To: 1994  
Organization: Octus, Inc.  
Title: Vice President, Engineering & R&D  
Summary: Responsible for managing all engineering and research and development activities for this producer of software and hardware products in the computer telephony integration market. Technologies include telephony, PBXs, facsimile drivers, windows applications, and DSP programming, including a digital audio recorder.

From: 1991  
To: 1993  
Organization: Data East, USA, Inc.  
Title: Vice President Engineering

## Stephen Dixon Bristow Curriculum Vitae

- Summary:
- Set up an in-house engineering department responsible for the development of consumer hardware, entertainment products, liaison with the company's Tokyo based development staff and hardware oversight of an engineering unit in Chicago.
  - Built a new technical writing and documentation staff and streamlined the engineering staff.
  - Served as patent liaison and market testing supervisor, and made major design contributions to several electronic game products.
  - Set up an in house recording and editing system for the creation of digitized voice and audio for use in coin operated video consumer products. Responsibilities also included the selection and interfacing of video lottery machine printing mechanisms.

From: 1989  
To: 1991  
Organization: Verifone, Inc.  
Title: Director of Engineering  
Summary: Responsible for the Taipei development group and the Auburn, CA and Redwood City, CA development groups for Verifone, Inc. The principal technology involved networking in the point-of-sale (POS) environment. Product areas included:

- Magnetic cash card operated vending systems including cards, readers, audit systems and dispenser
- Spread spectrum LAN links
- Optical check readers using neural network chips
- Cellular radio data link
- POS printers pin pads, and credit card terminals

From: 1988  
To: 1989  
Organization: Interactive Game Network  
Title: Consultant  
Summary: Designed the hardware and software for a VBI to IR translator, incorporating a novel error-correcting system for use on VBI-transmitted data.

## Stephen Dixon Bristow Curriculum Vitae

---

From: 1988  
To: 1989  
Organization: Hasbro Electronics  
Title: Consultant  
Summary: Performed design, simulation and testing of the video timing and control ASIC for a new video tape based game system that was capable of playing 4 channels of video, 16 channels of sound, and the game program on standard VHS video tape. The chips were functional on the first fabrication run.

From: 1984  
To: 1988  
Organization: Technicom Advanced Design Center  
Title: Director  
Summary: 

- Set up laboratory to do product research and development through final production for Tie Communications of Shelton, CT.
- Designed small key system electronics for systems with 6 x 16 and 12 x 32 line/station capacity. This work included product definition, electrical design, mechanical design, documentation and manuals. In addition, Mr. Bristow was part of an engineering team that designed a custom IC-based low-cost telephone, UPS power supply and busy lamp field secretarial display unit.

From: 1973  
To: 1984  
Organization: Atari, Inc.  
Title: Vice President, Engineering  
Summary: Responsible for all aspects of game design, OEM product selection and production. Experience included: the first use of multiplayer games using discrete circuits for each player at Atari; the provision of a multi user experience in a networked environment and his management of Atari gaming efforts using the ARPA net; and experience with the IGN multiplayer gaming experience that made use of a dial up network for massive multiplayer gaming.

Products included:

- Home games
- Electronic board games
- Pinball machines
- Home computers
- Home computer and home game software

## Stephen Dixon Bristow Curriculum Vitae

- Consumer power line carrier and standard phone systems
- Coin operated games and pinball machines
- Cable TV interactive system collaboration with Warner Cable

OEM products included printer mechanisms for home and coin operated games. Set up and staffed groups from the ground up. Mr. Bristow was also responsible for the custom IC design effort in the consumer division. He managed organizations ranging from 4 to 250 personnel. Specific assignments were:

March 82 to December 83	Atari Tel Division, VP Engineering Computer Division and Atari Fellow
June 80 to March 82	VP Engineering
December 79 to June 80	VP Advanced Technology
October 78 to December 79	VP Engineering, Consumer Game Division
November 77 to September 78	VP Engineering, Consumer and Home Computer Division
November 76 to December 77	VP Engineering and Plant Manager Pinball Production
November 74 to November 76	VP Engineering, Electronic Board Game Division and Coin Operated Games
November 73 to November 74	VP Engineering, Key Games
June 74 to October 74	VP Engineering, Atari coin operated games electrical engineer, Atari

From: 1971  
To: 1973  
Organization: Nutting Associates  
Title: Chief Engineer  
Summary: Responsible for continued support of the "Computer Space" game, the first coin op video game as well as the development of three new games for the AMOA trade show.

From: 1969  
To: 1971  
Organization: Ampex Corporation, Videofile Division  
Title: Junior Engineer  
Summary: Worked to construct and debug video camera controllers, video printers, and video tape positioning circuitry.

**Stephen Dixon Bristow  
Curriculum Vitae**

**Litigation Support Experience**

*Expert Engagement*

Type of Matter: Equipment analysis and report  
Law Firm: Barry K Rothman Law Firm  
Case Name: Bennet Productions Inc. v. Risarc  
Services Provided: Review, analysis, report and deposition  
Date: 2011

*Expert Engagement*

Type of Matter: Patent prosecution assistance re parental control of TV viewing  
Law Firm: Ropes and Gray  
Case Name: Rovi Rexam  
Services Provided: Review, analysis, declarations, travel to USPTO and meetings with examiner  
Date: 2010

*Expert Engagement*

Type of Matter: Patent prosecution assistance re on screen TV image transparency  
Law Firm: Ropes and Gray  
Case Name: Rovi Rexam  
Services Provided: Review, analysis, declarations, travel to USPTO and meetings with examiner  
Date: 2010

*Expert Engagement*

Type of Matter: Consulting re cart mounted educational computer and display systems  
Law Firm: Undisclosed  
Case Name: Panasonic of America  
Services Provided: Review, analysis, and expert advice  
Date: 2010

*Expert Engagement*

Type of Matter: Patent Infringement, Game Controllers  
Law Firm: Rembrandt IP Management  
Case Name: Undisclosed  
Services Provided: Review, analysis, report, and meeting with client  
Date: 2010



## Stephen Dixon Bristow Curriculum Vitae

### *Expert Engagement*

Type of Matter: Patent prosecution assistance re parental control of TV viewing  
Law Firm: McDermott Will and Emory  
Case Name: Rovi  
Services Provided: Review, analysis, declarations  
Date: 2009

### *Expert Engagement*

Type of Matter: Patent Infringement, re: dance mat video games  
Law Firm: Gibson  
Case Name: Harmonix, Activision v. Konami  
Services Provided: Review, analysis, rebuttal report, expert report, deposition, and testimony  
Date: 2009

### *Expert Engagement*

Type of Matter: Patent Infringement, low voltage joystick video game interface circuit  
Law Firm: Fish and Richardson  
Case Name: Fenner Investments v. Microsoft  
Services Provided: Review, analysis, rebuttal report, expert report, trial testimony  
Date: 2008

### *Expert Engagement*

Type of Matter: Contract Dispute, contracted design engineering  
Law Firm: Putterman & Dupree  
Case Name: Easy Brain Labs v. Wild Planet Toys  
Services Provided: Review, analysis, conversation with parties regarding my opinion, which led to settlement  
Date: 2008

### *Expert Engagement*

Type of Matter: Patent Interference  
Law Firm: Bingham & McCutchen  
Case Name: Armstrong v. Adan, Interference #105,604  
Services Provided: Review of interference history and report  
Date: 2008

### *Expert Engagement*

Type of Matter: Patent Infringement, display mounting systems  
Law Firm: Patterson, Thuente, Skarr & Christiansen  
Case Name: Mass Engineered v. Dell, Ergotron  
Services Provided: Review, analysis, expert report, declarations  
Date: 2007

## Stephen Dixon Bristow Curriculum Vitae

### *Expert Engagement*

Type of Matter: Patent Infringement, Game Controllers  
Law Firm: Klarquist Sparkman, LLP  
Case Name: Armstrong v. Microsoft, Nintendo, et al.  
Services Provided: Review, analysis, rebuttal report, and expert report  
Date: 2008

### *Expert Engagement*

Type of Matter: Patent Infringement, VCR circuitry  
Law Firm: Morgan Lewis & Bockius  
Case Name: Funai v. Daewoo Corporation  
Services Provided: Review, analysis, deposition, rebuttal report, expert report, trial testimony  
Date: 2007

### *Expert Engagement*

Type of Matter: Patent Infringement, Television Guides  
Law Firm: Undisclosed  
Case Name: Gemstar v. Pioneer [US Dist Court, Northern District of Georgia, Atlanta Div]  
MD-1274-WBH  
Services Provided: Review & analysis  
Date: 2005

### *Expert Engagement*

Type of Matter: Patent Infringement, Remote Controls  
Law Firm: Sullivan & Cromwell  
Case Name: Phillips Electronics v. Contec Corporation , civil action #02-123-(KAJ)  
Services Provided: Review, analysis, deposition, rebuttal report, expert report, & trial testimony in Delaware  
Date: 2004

### *Expert Engagement*

Type of Matter: Patent Infringement  
Law Firm: Dewey Ballentine  
Case Name: HP v. Amiga  
Services Provided: Expert report  
Date: 2004

## Stephen Dixon Bristow Curriculum Vitae

### *Expert Engagement*

Type of Matter: Patent Infringement, prepaid cellular phones  
Law Firm: Townsend & Townsend  
Case Name: Telemac Cellular Corp v. Top Telecom [US District Court, Northern Calif. division, Civil Action # C-98-0022-CW-(PJH)]  
Services Provided: Review, analysis, deposition, rebuttal report, and expert report  
Date: 2004

### *Expert Engagement*

Type of Matter: Arbitration, consumer game development 2004  
Law Firm: Undisclosed  
Case Name: Kash 'n Gold  
Services Provided: Expert report, participation in arbitration  
Date: 2004

### *Consulting Engagement*

Type of Matter: Contract Dispute – Arbitration  
Law Firm: Pennie & Edmunds  
Case Name: Pitney Bowes v. Wright Technology [AAA case # 13-133-01121-00]  
Services Provided: Review, analysis, & attendance at depositions [Mr. Bristow was a party, expenses paid]  
Date: 2003

### *Expert Engagement*

Type of Matter: Valuation of a library of schematic files  
Law Firm: Curtis & Aratta  
Case Name: Scottsdale Insurance v. Abeya  
Services Provided: Review, analysis and testimony at trial  
Date: 2003

### *Expert Engagement*

Type of Matter: Criminal Theft of Trade Secrets, Cable TV Set Top  
Law Firm: Tuckers Solicitors, UK  
Case Name: Federation Against Copyright Theft (FACT) v. Crumblehulome & Parr-Moore  
Services Provided: Expert Report  
Date: 2003

### *Expert Engagement*

Type of Matter: Patent Dispute, Video Game Controllers  
Law Firm: Gordon Feinblat  
Case Name: JVW v. Interact Associates, [US District Court of Maryland, Case #MJG-00-1867]

## Stephen Dixon Bristow Curriculum Vitae

---

Services Provided: Review, analysis, expert report and testimony at trial in Baltimore  
Date: 2002

### *Expert Engagement*

Type of Matter: Patent Dispute, prepaid cellular phones  
Law Firm: Townsend & Townsend  
Case Name: Telemac v. US Intellicom  
Services Provided: Review, analysis and testimony at trial  
Date: 2002

### *Expert Engagement*

Type of Matter: ITC Patent Infringement, interactive TV Guide  
Law Firm: Townsend & Townsend  
Case Name: Gemstar v. Pioneer, et al [#337-Ta-454]  
Services Provided: Review, analysis and testimony at trial  
Date: 2002 – 2004

### *Consulting Engagement*

Type of Matter: Theft of trade secrets involving Cellular prepaid systems  
Law Firm: Kessel & Associates  
Case Name: Telemac v. McGregor  
Services Provided: Review, analysis, & attendance at depositions  
Date: 2002

### *Expert Engagement*

Type of Matter: Patent Infringement, data transmission over TV  
Law Firm: Capstone Law Group  
Case Name: Veil Systems v. Gammet Interactive [MGA v Smart TV]  
Services Provided: Review, deposition, analysis and prepared expert report  
Date: 2002

### *Expert Engagement*

Type of Matter: Patent Infringement, data transmission over TV  
Law Firm: Capstone Law Group  
Case Name: Koplar Interactive Systems International v. Veil Interactive Technologies & Veil Interactive Systems  
Services Provided: Review, analysis and prepared expert report  
Date: 2002

## Stephen Dixon Bristow Curriculum Vitae

### *Consulting Engagement*

Type of Matter: Patent Infringement, artificial intelligence for video game  
Law Firm: Jenner & Block  
Case Name: Kenneth K. Dickinson v. Electronic Arts, Inc.  
Services Provided: Technical support for Defendant  
Date: 2000

### *Consulting Engagement*

Type of Matter: Patent Infringement, VBI transmission of data over TV signal  
Law Firm: Tatro, Doffino Zeavin & Bloomgarden LLP for defendant  
Case Name: Smart TV v. Koplal  
Services Provided: Patent review and deposition, settled in clients favor  
Date: 2000

### *Expert Engagement*

Type of Matter: Insurance Claim  
Law Firm: Carlson Messer & Turner LLP  
Case Name: Indochina v. Stratford, et al  
Services Provided: Testified at jury trial on operation of facsimile  
Date: 2000

### *Expert Engagement*

Type of Matter: Patent Interference, New Zealand  
Law Firm: Pitney Bowes Pat dept; A J Park & Sons, in Christchurch,NZ  
Case Name: E-Stamp interference by Pitney Bowes  
Services Provided: Research, expert report, and declaration  
Date: 2000

### *Expert Engagement*

Type of Matter: Patent on video display methods  
Law Firm: Fenwick & West  
Case Name: Electronic Arts v. David Sitrick  
Services Provided: Research, expert report, and declaration  
Date: 2000

### *Expert Engagement*

Type of Matter: Patent Infringement, Color LCD systems  
Law Firm: Shannon Grayson  
Case Name: MGA v. Funimation  
Services Provided: Review, analysis, deposition, and prepared expert report  
Date: 2000

## Stephen Dixon Bristow Curriculum Vitae

### *Expert Engagement*

Type of Matter: Patent Infringement, interactive TV Guide  
Law Firm: Townsend & Townsend  
Case Name: Starsight v. United Video  
Services Provided: Deposed and testified at trial in Tulsa, Oklahoma  
Date: 1999 – 2002

### *Expert Engagement*

Type of Matter: Video Game System and Sanders Associates  
Law Firm: Nintendo Inside Counsel., Redmond, Washington  
Case Name: Undisclosed  
Services Provided: Deposed  
Date: 1999

### *Expert Engagement*

Type of Matter: Contract Dispute, warranty repair  
Law Firm: Jones Day for defendant  
Case Name: Universal Electronics  
Services Provided: Physical inspection and report on warranty returns in Oklahoma City  
Date: 1998

### *Expert Engagement*

Type of Matter: Patent Dispute, use of light guns in video gaming systems  
Law Firm: Mudge Rose  
Case Name: Magnavox/Sanders Associates v. Nintendo  
Services Provided: Deposed, testified at trial  
Date: 1997

### *Expert Engagement*

Type of Matter: Patent Dispute, motion control methods for video games  
Law Firm: Spense Lubas  
Case Name: Atari v. Nintendo  
Services Provided: Document review and deposition  
Date: 1996

### *Expert Engagement*

Type of Matter: Patent Infringement, video image generation  
Law Firm: Irell & Manella  
Case Name: Atari v. Sega  
Services Provided: Review, analysis and deposition  
Date: 1990

## Stephen Dixon Bristow Curriculum Vitae

### *Expert Engagement*

Type of Matter: IRS and Deductibility of Research  
Law Firm: Atari Inside Counsel  
Case Name: Undisclosed  
Services Provided: Testified at Trial  
Date: 1990

### *Expert Engagement*

Type of Matter: Commodore Games and Video Game Scrolling System  
Law Firm: Finnegan & Henderson  
Case Name: David Sukonick v. Commodore Games  
Services Provided: Expert report, Deposited  
Date: 1988

### *Expert Engagement*

Type of Matter: Patent Dispute, use of ROM memory in video game systems  
Law Firm: Mudge Rose  
Case Name: Nintendo v. Alpex  
Services Provided: Deposited and testified at trial  
Date: 1987

### *Expert Engagement*

Type of Matter: Patent Infringement, video encryption and copy guard systems  
Law Firm: Skjerven Morrill LLP  
Case Name: Undisclosed  
Services Provided: Review, analysis and prepared expert report  
Date: 1987

### *Expert Engagement*

Type of Matter: Patent dispute, use of ROM memory in video game systems  
Law Firm: Finnegan & Henderson  
Case Name: Commodore Games v. Alpex Computer  
Services Provided: Deposited  
Date: 1986

### *Expert Engagement*

Type of Matter: Patent Infringement, video music  
Law Firm: Paul Weiss  
Case Name: Undisclosed  
Services Provided: Reviewed and prepared declaration  
Date: 1986

## Stephen Dixon Bristow Curriculum Vitae

### *Consulting Engagement*

Type of Matter: Patent Infringement, video game copying  
Law Firm: Atari Inside Counsel  
Case Name: Undisclosed  
Services Provided: Reviewed and assisted in document preparation  
Date: 1984

### Professional Affiliations, Achievements & Awards

- Member, IEEE [past member of Administration Committee of Consumer Electronics group]
- Member, Society for Information Display [past member of Program Committee of SID]
- Member, SMPTE [Society of Motion Picture & Television Engineers]

### Patents

<u>Patent</u>	<u>Date Issued</u>	<u>Description</u>
7,310,509	12/18/2007	Software & protocol structure for an automated user notification system
6,901,253	05/31/2005	Method for synthesizing mobile identification numbers
6,810,244	10/26/2004	Method for synthesizing mobile identification numbers
6,572,108	06/03/2003	Game Pad Controller
6,364,735	04/02/2002	RF identification system for use in toys
6,273,819	08/14/2001	Handheld electronic game with sensors for realistic simulation
5,841,843	11/24/1998	Facsimile forwarding method and system using a simulated telephone line interface
5,839,054	11/17/1998	Automatic registration paging system
5,221,083	06/22/1993	Medal game machine
4,900,904	02/13/1990	Automated transaction system with insertable smart cards for downloading rate or program data
4,900,903	02/13/1990	Automated transaction system with insertable smart cards for transferring account data
4,864,618	09/05/1989	Automated transaction system with modular print head having print authentication feature [ communicates with smart cards]
4,802,218	01/31/1989	Automated transaction system [using smart cards]
4,423,870	01/03/1984	Video game collision detection system
4,421,317	12/20/1983	Electronic game apparatus using a three-dimensional image
4,192,507	03/11/1980	Light actuated shooting arcade game
4,169,272	09/25/1979	Apparatus for simulating a perspective view of a video image



**Stephen Dixon Bristow  
Curriculum Vitae**

---

4,104,625	08/01/1978	Apparatus for providing facial image animation
4,099,719	07/11/1978	System and method for automatic alignment of gun with video display
4,099,092	07/04/1978	Television display alignment system and method
4,091,234	05/23/1978	Joystick with attached circuit elements
4,045,789	08/30/1977	Animated video image display system and method
4,016,362	04/05/1977	Multiple image positioning control system and method

This is a summary of a range of cases that I have been engaged to work on in the past few years. I have been both a working engineer and have worked as an expert witness and fact witness since the mid 1970s . If requested I can provide information from the much earlier matters. I have limited this disclosure to those matters that I can give details of. Some ongoing and potential matters preclude me from giving details as they are in process and I have limitations as to what I can say.

Case Name: Universal Electronics v Universal Remote Controls  
Services Provides patent review, declaration, expert report, deposition  
Date of Work 2013 – 2014 , testified at trial before jury, my positions upheld  
Law Firm Ostrolenk Faber LLP, NYC, Sidley Palo Alto

Case Name: Chicony v Comarco , Orange County Calif, #30-2011-00470249  
Services Provides declaration, expert report, deposition  
Date of Work 2013 – 2014, trial now completed  
Law Firm Juliander, Brown, and Bollard, Irvine Calif.

Case Name: Nyko vs. Eveready Holdings, Federal Court, central district of Ca #CV12-03001-GAF-VBK  
Services Provides patent review, declaration, expert report, deposition  
Date of Work 2013, now settled out of court  
Law Firm Sheppard Mullen

Case Name: Ericsson v Samsung, ITC INVNO337-TA-862  
Services Provides patent review, declaration, expert report, deposition and testimony at ITC  
Date of Work 2013, including 3 weeks in DC during trial in October 2013  
Law Firm McKool Smith

Case Name: Rovi  
Services Provided: Review, analysis, declarations and prepared expert report  
Type of Matter: Patent Prosecution, parental controls regarding access to programming  
Law Firm: Ropes Gray, Richard Feustel of Boston Office

Services Provided: Review, analysis, multiple meetings with patent examiner and prepared expert report  
Date of work: 2012

Case Name: Rovi  
Services Provided: Review and analysis of filings in litigation. Deposition, case settled  
Law Firm: McDermot Will and Emory, Menlo Park  
Attorney: Hong Lin

Date of Work: 2012

Case Name : Risarc  
Services Provided: Equipment inspection, expert report , deposition  
Law Firm: Bark K Rothman Law Firm, LA, Calif.  
Attorney: Frederic Brandfon  
Date of Work: 2012

Case Name: Informatics v Shkloonikov/Keynetic 1:11-CV-00726  
Services Provided: document review, advice, expert report, deposition re motion sensing controllers  
Law Firm: Worked through IMS Management Solutions, Pensacola, Fla.  
Date of work: 2012, case settled before trial

Case Name: Microsoft Immersion  
Services Provided: initial patent review and informal communication  
Law Firm: Hagens Berman Shobol Shapriro, Seattle Wa.  
Date of work: April 2012

Case Name: DLA Piper Civil Action 11-785-GMS  
Services Provided: Prior art review re video patents  
Law Firm: DLA Piper,through Thompson Reuters Expert Services  
Date of work: Sept and October 2012

Case: Activision v. Harmonics  
Matter: Patent dispute  
Responsibilities: Prepared report, analyzed prior art patents and products, 2 days of deposition  
Date closed: 2009, settled before trial  
Attorney: Jason Lo, Gibson Dun, Palo Alto

Case: Microsoft v. Anascape  
Matter: Patent dispute  
Responsibilities: Prepared reports and analyzed prior art patents and products  
Date closed: 2008, settled day before trial  
Attorney: Joe Jakubeck of Klarquist in Portland for defendant

Case: Funai v. Samsung  
Matter: Patent dispute  
Responsibilities: Prepared reports, testified in trial and was deposed.

Date closed: 2008, with a win for Funai.  
Attorney: Gary Jex with Morgan Lewis for Funai

### **RECENT TECHNICAL CONSULTING**

2013 For State Farm analysis of video recording systems regarding a video capture of images relating an altercation at the La Pinada restaurant in Concord, Calif

2013 For Morgan Lewis, technical review of IR capabilities of video cameras

Current technical review and maintenance of Parkinsons disease testers for Grove Foundation, Los Altos, Calif

Current CTO for Connexed, a video security company that provides video recordings using a mix of an on sight appliance at the customer site that uploads in an intelligent and secure manner images to an off site storage location that is then accessible by the internet via phone or other connections.