KENDYL A. ROMÁN

AREA OF EXPERTISE

Intellectual Property

Federal Special Master. Court appointed expert. Patents, Trade secrets, Copyright, Computer Data Recovery and Analysis. Forensic Computer Scientist/Expert. Consulting and testifying experience.

Object Oriented Programming Languages

Java, C++, C#, Visual Basic, ruby, perl, JavaScript, XML, XAML, Delphi, Python, Apple Media Language, Mentor AMPLE, Lisp, NewtonScript, PenBasic, Dylan, MacApp.

Traditional Programming Languages

C, perl, Assembly (680x0, 80x86, VAX, Nova, DEC-10, IBM 3x0), RISC Assembly (PowerPC, SPARC, MIPS, HP Precision Architecture), ABAP, COBOL, PL/I, PL/X, SAS, Pascal, Lua, APL, Forth, Lisp, Basic, JCL, awk.

Web Frameworks

HTML, XHTML, CSS, Ruby on Rails, Resque, PHP, CSLA, PEAR, CEP, Django, Flask, REDIS, jQuery, AJAX, JSON, SQLAlchemy.

Computer Software

Microsoft Windows NT/95/98/2000/XP/Vista/7, MS/DOS, UNIX Internals and Utilities (Linux, MacOS X, FreeBSD, SunOS, Solaris, MIPS, HP-UX, A/UX, Berkeley, AT&T, AIX, Amdahl UTS, SCO, POSIX, OSF), IBM MVS/TSO/ISPF, IBM VM/CMS, SQL Relational Database Systems (Oracle, Server, Access, FoxPro, FoxBase, ingres, postgres, SQL Progress, System-R), SAP, FileMaker Pro, X-Windows (X11, motif, VUE, OpenLook), Delphi, dBase, Visual Studio, Partner/Silk, PenPoint, Macintosh Programmers Workbench, Macintosh Internals, HyperCard, Multimedia (Real Networks, Windows Media, QuickTime, Apple Media Tool, Premiere, Photoshop, Illustrator, Flash, MediaTracks, SoundEdit), Documentation (FrameMaker, MS Word, MacWrite II), IBM PC/AT BIOS, Windows for Pens, Dialogic Toolkit & OS, HP 3000 MPE & MPE/XL, Mentor Graphics & Daisy Systems.

Computer Hardware

IBM PC and Wintel compatibles, HP Precision Architecture HP9000/300's; 400's; 700's; & 800's-HP3000/900, VAX 11/780, IBM 360, 370 & 4300, Apple Macintosh (all models since 1984), Firewire IEEE 1394, USB, Apple LaserWriter, Scanner, CD-ROM, CD and DVD Recorder, SGI (MIPS) Systems, Sun SPARC & 386i, Daisy, NCR NotePad, Apple II, DEC-10, NOVA.

3277 Kifer Road, Santa Clara, CA 95051 • email: kendyl@mediaframe.com



Computer Forensics Tools

Guidance Software's EnCase, Image MASSter Solo2 Forensics/Professional & Secure Hash Signature Generator (MD5, CRC32 Hashes), DriveImage, Ghost.

LITIGATION SUPPORT

Orrick, Herrington, & Sutcliffe, New York, NY

1999-2002

Project: Software expertise and code analysis: copyright/trade secrets. Two related cases, testifying expert in second case. Tradescape.com, Inc., et al. v. Shivaram, et al.

Hale & Dorr, LLP, Boston, MA

1999

Project: Patent prior art search and analysis (Internet eCommerce).
BroadVision, Inc. v. Art Technology Group

Russo & Hale, LLP, Palo Alto, CA

1999

Project: Patent prior art analysis and expert report (Interactive TV).

John Berman v. Wink Communications, Inc.

Evers & Hendrickson, LLP, San Francisco, CA

2000

Project: Patent prior art analysis.

Orrick, Herrington, & Sutcliffe, New York, NY

2000

Project: Database and eCommerce software expertise and code analysis in copyright/trade secret case.

RIA Telecommunications v. DollarsDirect.com, et al.

Zelle, Hofmann, Voelbel & Gette, Dallas, TX

2000-2001

Project: Database and Internet patent case. Prior art, Markman hearing, infringement analysis, etc. Konrad v. General Motors, et al.

Superior Court of California, Santa Clara County

2000-2001

Project: Court appointed expert in software trade secret case.

Aspect Communications Corporation v. eConvergent, Inc., et al.

Quadros & Johnson, Santa Clara County, CA

2000-2001

Project: Trial testimony regarding Internet video, chat, database, and email software and server hardware.

Hype Media, Inc. v. Anthony Siress & Lestat, Inc. (and cross action)

BakerBotts, New York, NY

2001-2002

Project: Claim interpretation and infringement testifying expert in Internet/TV patent case. Markman testimony.

ACTV, Inc. and HyperTV Networks, Inc. v. The Walt Disney Co., ABC, Inc. and ESPN, Inc.

Tom Casazza, Napa County, CA

2001-2002

Project: Data recovery, embezzlement analysis, Internet, pornography.

Contempt hearing testimony.

Laguna Hermosa Corporation v. Clarence White, et al.



2004

| | Deo, Dolan, Griffinger & Vecchione, New York, NY 2002-2003 | | | |
|--|--|--|--|--|
| Project: | Patent infringement declaration regarding Firewire IEEE 1394. | | | |
| | Dynacore Holdings, et al. v. U.S. Philips Corporation, et al. and Dynacore Holdings, et al. v. Sony Electronics Inc., et al. | | | |
| E D . 1 | | | | |
| • | er & Green, New York, NY 2002 | | | |
| Project: | Video compression and Internet transmission analysis & report. On2.com Inc. v. Ecoin Co., Ltd. | | | |
| HS Law Group, San Jose, CA 2002 | | | | |
| Project: | Forensic data recovery and Internet email analysis. Seema Chawla v. Alphasoft Services Corporation, et al. | | | |
| Adams, Coog | ler, Watson & Merkel, West Palm Beach, FL 2002-2003 | | | |
| Project: | Analysis of medical communication system in wrongful death. Deposition. Rubin v. Bethesda Memorial Hospital et al. | | | |
| Friedman, Pe | terson, Stroffe & Gerard, Irvine, CA 2002-2003 | | | |
| Project: | Design patent prior art search and invalidity declaration. Turn-Luckily Intl, Inc. v. Fry's Electronics, Inc. | | | |
| Superior Cou | rt of California, Santa Clara County 2003-2004 | | | |
| Project: | Court appointed expert for computer drive analysis (financial/pornography). Ribeiro v. Weichselbaumer | | | |
| Naval Legal Service (JAG), Pearl Harbor, HI 2003 | | | | |
| Project: | Testified as Computer Forensic Expert in Brady Hearing and General Court-Martial (Internet/child pornography). United States v. Alec Schultz | | | |
| Foley & Lard | ner, Milwaukee, WI 2003 | | | |
| Project: | Patent infringement analysis/report and invalidity rebuttal regarding electronic vehicle compasses and mirrors. Donnelly Corporation v. Johnson Controls (cross action) | | | |
| Hunton & Wi | lliams, Washington, DC 2003 | | | |
| | Rexamination Prior Art Declaration under 37 C.F.R. § 1.132. In re U.S. Patent No. 6,279,033 (Microstrategy, Inc.) | | | |
| Kirkland & E | llis, Washington, DC 2003 | | | |
| Project: | Federal Circuit Appeal: Judges Linn, Plager, Friedman. ACTV, Inc. and HyperTV Networks, Inc. v. The Walt Disney Co., ABC, Inc. and ESPN, Inc. | | | |
| Plant, Christe | ensen & Kanell, Salt Lake City UT 2003-2005 | | | |
| Project: | Analysis of computer system, failure data, and surveillance video in data center fire suppression incident. Safeway, Inc. v. Consonus, Inc. et al. | | | |



Project:

Knopik Varner Moore, Tampa, FL

Retained to Plaintiff after deposition and settlement with Dr.

Fisher. Rubin v. Bethesda Memorial Hospital et al.

| Skadden, Arps | s, Slate, Meagher & Flom, Washington, D.C. | 2003-2004 |
|----------------------------------|--|-----------------------|
| Project: | Analysis of over two million lines of source code | regarding |
| | trade secret misappropriation arbitration in CAPS Logistics, Inc. v. Ratliff, et al. | Atlanta |
| Fenwick & W | est LLP, Silicon Valley, CA | 2004-2005 |
| Project: | Mainframe software trade secret/copyright infr Compuware Corporation v. International Business Machines Co | ingement rp. (IBM) |
| Pillsbury Win | throp LLP, Fort Worth, TX | 2004-2005 |
| Project: | Copyright/trade secret/license defense in database co Wayne Fowler v. Bell Helicopter Textron, Inc. | nversion |
| Simpson Thac | her & Bartlett LLP, Palo Alto, CA | 2004 |
| Project: | Patent validity and infringement: Internet videoconf Collaboration Properties, Inc. (Avistar) v. Polycom, Inc. | erencing |
| BakerBotts, N | Yew York, NY | 2004-2005 |
| Project: | Patent invalidity regarding Internet pay-per-click adv Overture Services, Inc. (Yahoo) v. FindWhat.com, Inc. | ertising |
| Pritchard and | l Kay, San Jose, CA | 2004-2005 |
| Project: | AAA testimony regarding auto dealership computer system Universal Computer Services, Inc. et al. v. Roulette Dealer | |
| DLA Piper Ru | udnick Gray Cary LLP (formerly Gray Cary Ware & Freidenrich), Palo Alto, CA | 2004-2005 |
| Project: | Patent invalidity: keyboard control of CD audio. ITC Investigation No. 337-TA-519 (Gateway v. Hewlett-Packar | d) |
| California De | partment of the Youth Authority, Sacramento, CA | 2005 |
| Project: | Forensic video analysis and administrative hearing tes N.A. Chaderjian Youth Correctional Facility—Use of Force Ap | - |
| Wilson, Sonsii | ni, Goodrich & Rosati, Palo Alto, CA | 2005 |
| Project: | Patent invalidity/non-infringement: Data-driven multim Datamize v. Fidelity, Scottrade, Interactive Brokers Group, | |
| Greenberg Tr | aurig LLP, Denver, CO | 2005-2006 |
| Project: | Patent interpretation/invalidity/non-infringement: FDC Phillip M. Adams, et al. v. Gateway | chips |
| <u>Law Offices o</u> Project: | f Dan MacGuire, Davis, CA-Law Offices of Donald J. DeShaw, Sacramento, CA Software/hardware copyright/trade secrets: Opthalmic is Opthalmic Imaging Systems v. Mark Fukuhara, et al. | |
| Russ, August, | & Kabat, Los Angeles, CA | 2005-2006 |
| Project: | Trade secrets and defamation defense: Video game enhan Electro Source, LLC. v. Fire Intl' Ltd. Inc, et al. | cement |
| Simpson Thac | her & Bartlett LLP, Palo Alto, CA | 2005-2007 |
| Project: | Patent validity and infringement: Internet videoconf Collaboration Properties, Inc. v. Tandberg, Inc. & Tandberg | erencing |
| Pillsbury Win | throp LLP, Palo Alto, CA | 2006-2007 |
| Project: | Copyright/trade secret video compression/pattern reception Technologies LLC v. Dennis Montgomery | |



| California De | partment of Personnel Administration, Sacramento, CA 2006 |
|----------------|---|
| | Forensic video analysis, videogrammetry, and photogrammetry. Chaderjian Youth Correctional Facility—Civil Case Defense |
| Law Offices of | f Owen P. Rafferty, Los Angeles, CA 2006 |
| Project: | Forensic surveillance video analysis and photogrammetry. People v. Michael Gralapp |
| Greenberg Tre | aurig LLP, Denver, CO 2006-2007 |
| Project: | Patent scope/interpretation/invalidity/non-infringement: Vehicle bus interface. Markman and jury trial testimony. Omega Patents, LLC v. Directed Electronics, Inc. |
| Fish & Richar | rdson P.C., Washington, D.C. 2006-2007 |
| Project: | Patents: online advertising and electronic catalogs. International Business Machines Corp. (IBM) v. Amazon.com, Inc. |
| Townsend and | l Townsend and Crew, LLP, San Francisco, CA 2007 |
| Project: | Patents: container terminal database systems including image processing, crane controllers, GPS, and wireless networking. APS Technology Group, Inc. v. Paceco Corporation |
| James E Carty | y III, P.C. New York, NY (and NJ) 2007-2010 |
| Project: | Patents: employee tracking database systems with telephone verification Infocrossing, Inc. v. Sandata Technologies, Inc. |
| Rohm Matsen | a, Kegel & Aguilera, LLP, Costa Mesa, CA 2007 |
| Project: | Enterprise networked database and ERP system (contract terms). QAD Inc. v. Ingersoll-Rand Company |
| Heller Ehrma | n, LLP, San Francisco, CA & Quinn Emanuel, Redwood Shores, CA 2007-2008 |
| Project: | Patents prior art research, system reconstruction, & analysis Disk Link Corporation v. H&R Block Digital Tax Solutions, et al. |
| Heller Ehrma | n, LLP, Menlo Park, CA 2007-2008 |
| Project: | Patents: targeted Internet advertising based on profile ValueClick, Inc. v. Revenue Science, Inc. |
| Terran Steinh | art, Esq., Los Angeles, CA 2009 |
| Project: | Testimony regarding Computer Adaptive Testing (CAT) security Board of Nursing v. Thelma Macabeo |
| William Camp | pisis, Berkeley, CA 2009 |
| Project: | Analysis of computer medical records system. Nader v. Kaiser |
| Capshaw DeR | Pieux, Longview, TX; Vanek Vickers & Masini, Chicago, IL; Watson Rounds 2009-2011 |
| Project: | Patents: network devices including firewalls GraphOn Corporation v. Juniper Networks, Inc. |
| Laminack, Pir | tle & Martines LLP; Matthews, Lawson & Bowick, PLLC, both of Houston, TX 2009-2012 |
| Project: | Trade secret & patent: Automated end-to-end Purchase to Pay Wellogix, Inc. v. BP America, Inc. et al. (Arbitration) Wellogix, Inc. v. Accenture et al. (Jury Trial) SAP v. Wellogix, Inc. |



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

