# 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, 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), COBOL, PL/I, PL/X, Pascal, APL, Forth, Lisp, Basic, JCL, awk, ABAP.

### Web Frameworks

HTML, XHTML, CSS, 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, SQL Server, Access, FoxPro, FoxBase, ingres, postgres, SAP, Progress, System-R), SAP, FileMaker Pro, X-Windows (X11, motif, HP VUE, OpenLook), Delphi, dBase, Visual Studio, MacX, OA Partner/Silk, PenPoint, Macintosh Programmers Workbench, Macintosh Internals, HyperCard, Multimedia (Real Networks, Windows Media, QuickTime, Apple Media Tool, Premiere, Photoshop, Illustrator, Director, 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.

### Computer Forensics Tools

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

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LITIGATION SUPPORT

<u>Orrick, Herri</u>	<u>N SUPPORT</u> ngton, & 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.
	LLP, Boston, MA 1999
Project:	Patent prior art search and analysis (Internet eCommerce). BroadVision, Inc. v. Art Technology Group
Russo & Hale	e, LLP, Palo Alto, CA 1999
Project:	Patent prior art analysis and expert report (Interactive TV). John Berman v. Wink Communications, Inc.
	drickson, LLP, San Francisco, CA2000Patent prior art analysis.
Orrick, Herri	ngton, & Sutcliffe, New York, NY 2000
	Database and eCommerce software expertise and code analysis in copyright/trade secret case. RIA Telecommunications v. DollarsDirect.com, et al.
<u>Zelle, Hofmar</u>	n, 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.
<u>Superior Cou</u>	rt of California, Santa Clara County 2000-2001
Project:	Court appointed expert in software trade secret case. Aspect Communications Corporation v. eConvergent, Inc., et al.
<u>Quadros &amp; Ja</u>	phnson, 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, N	lew York, NY 2001-2002
	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.
<u>Tom Casazza.</u>	, Napa County, CA 2001-2002
Project:	Data recovery, embezzlement analysis, Internet, pornography. Contempt hearing testimony. Laguna Hermosa Corporation v. Clarence White, et al.
<u>Gibbons, Del</u>	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.
<u>Epstein Becke</u>	er & Green, New York, NY 2002
Project:	Video compression and Internet transmission analysis & report.

HS Law Grou	up, San Jose, CA 2002	
	Forensic data recovery and Internet email analysis. Seema Chawla v. Alphasoft Services Corporation, et al.	
Adams, Coogler, 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, Peterson, 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 Court 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	
<u>Foley &amp; Lard</u>	Iner, 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 & Williams, Washington, DC 2003		
Project:	Rexamination Prior Art Declaration under 37 C.F.R. § 1.132. In re U.S. Patent No. 6,279,033 (Microstrategy, Inc.)	
Kirkland & Ellis, 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, Christensen & 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.	
Knopik Varner Moore, Tampa, FL 2004		
Project:	Retained to Plaintiff after deposition and settlement with Dr. Fisher. Rubin v. Bethesda Memorial Hospital et al.	
Skadden, Arps, Slate, Meagher & Flom, Washington, D.C. 2003-200		
Project:	Analysis of over two million lines of source code regarding trade secret misappropriation arbitration in Atlanta. CAPS Logistics, Inc. v. Ratliff, et al.	
Fenwick & West LLP, Silicon Valley, CA 2004-2005		
Project:	Mainframe software trade secret/copyright infringement. Compuware Corporation v. International Business Machines Corp. (IBM)	

<u>Pillsbury Winthrop LLP, Fort Worth, TX</u> 2004-2005 Project: Copyright/trade secret/license defense in database conversion. Wayne Fowler v. Bell Helicopter Textron, Inc. Simpson Thacher & Bartlett LLP, Palo Alto, CA 2004 Project: Patent validity and infringement: Internet videoconferencing. Collaboration Properties, Inc. (Avistar) v. Polycom, Inc. BakerBotts, New York, NY 2004-2005 Project: Patent invalidity regarding Internet pay-per-click advertising Overture Services, Inc. (Yahoo) v. FindWhat.com, Inc. Pritchard and Kay, San Jose, CA 2004-2005 AAA testimony regarding auto dealership computer system. Project: Universal Computer Services, Inc. et al. v. Roulette Dealership DLA Piper Rudnick 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-Packard) California Department of the Youth Authority, Sacramento, CA 2005 Project: Forensic video analysis and administrative hearing testimony. N.A. Chaderjian Youth Correctional Facility-Use of Force Appeal Wilson, Sonsini, Goodrich & Rosati, Palo Alto, CA 2005 Project: Patent invalidity/non-infringement: Data-driven multimedia Datamize v. Fidelity, Scottrade, Interactive Brokers Group, et al. Greenberg Taurig LLP, Denver, CO 2005-2006 Project: Patent interpretation/invalidity/non-infringement: FDC chips Phillip M. Adams, et al. v. Gateway Law Offices of Dan MacGuire, Davis, CA-Law Offices of Donald J. DeShaw, Sacramento, CA 2005-2006 Software/hardware copyright/trade secrets: Opthalmic imaging Project: Opthalmic Imaging Systems v. Mark Fukuhara, et al. Russ, August, & Kabat, Los Angeles, CA 2005-2006 Project: Trade secrets and defamation defense: Video game enhancement Electro Source, LLC. v. Fire Intl' Ltd. Inc, et al. Simpson Thacher & Bartlett LLP, Palo Alto, CA 2005-2007 Project: Patent validity and infringement: Internet videoconferencing. Collaboration Properties, Inc. v. Tandberg, Inc. & Tandberg ASA Pillsbury Winthrop LLP, Palo Alto, CA 2006-2007 Project: Copyright/trade secret video compression/pattern recognition. eTreppid Technologies LLC v. Dennis Montgomery California Department of Personnel Administration, Sacramento, CA 2006 Project: Forensic video analysis, videogrammetry, and photogrammetry. Chaderjian Youth Correctional Facility-Civil Case Defense Law Offices of Owen P. Rafferty, Los Angeles, CA 2006 Project: Forensic surveillance video analysis and photogrammetry. People v. Michael Gralapp

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Greenberg Taurig 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 & Richardson 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 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 III, P.C. New York, NY (and NJ) 2007-2010 Patents: employee tracking database systems with telephone Project: verification Infocrossing, Inc. v. Sandata Technologies, Inc. <u>Bohm, Matsen, Kegel & Aguilera, LLP, Costa Mesa, CA</u> 2007 Project: Enterprise networked database and ERP system (contract terms). QAD Inc. v. Ingersoll-Rand Company Heller Ehrman, 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 Ehrman, LLP, Menlo Park, CA 2007-2008 Project: Patents: targeted Internet advertising based on profile ValueClick, Inc. v. Revenue Science, Inc. Terran Steinhart, Esq., Los Angeles, CA 2009 Project: Testimony regarding Computer Adaptive Testing (CAT) security Board of Nursing v. Thelma Macabeo William Campisis, Berkeley, CA 2009 Project: Analysis of computer medical records system. Nader v. Kaiser Capshaw DeRieux, Longview, TX; Vanek Vickers & Masini, Chicago, IL; Watson Rounds 2009-2011 Project: Patents: network devices including firewalls GraphOn Corporation v. Juniper Networks, Inc. Laminack, Pirtle & Martines LLP; Matthews, Lawson & Bowick, PLLC, both of Houston, TX 2009-2012 Trade secret & patent: Automated end-to-end Purchase to Pay Project: Wellogix, Inc. v. BP America, Inc. et al. (Arbitration) Wellogix, Inc. v. Accenture et al. (Jury Trial) SAP v. Wellogix, Inc. Gutride Safier LLP, San Francisco, CA 2009-2012 Project: Class Action: OEM version of Microsoft Windows Vista Kevin Embry v. Acer America Corporation Capshaw DeRieux, Longview, TX; Eugene M. Cummings, P.C., Chicago, IL 2010-2011 Project: Patents: digital music organization, management, and download Premier International v. (Microsoft) Verizon, Real Networks, et al.

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