Erik de la Iglesia

Curriculum Vitae

Expert Witness and IP strategist with entrepreneurial background as chief architect for both hardware and software-based companies in the information technology sector having generated acquisition values over $100M and public offerings.

Legal and Litigation Experience

3/31/25 – Current DiNovo Price LLP
Lower48 IP LLC v. Shopify, Case No. Case No. 6:22-cv-00997-DAE WDTX
Supporting Lower48 IP LLCa

12/20/24 – Current Russ August & Kabat (Patent Infringement)
Charter Communications, Inc. et al v. Ubee Interactive, Inc. 4:24-cv-00199 EDMO
Supporting Ubee Interactive, Inc.

12/13/24 – Current Russ August & Kabat (Patent Infringement)
Value8 Co., LTD. v. Volvo Cars of North America, LLC, 2:24-CV-00176-JRG EDTX
Supporting Value8 Co., LTD.

11/22/24 – Current Russ August & Kabat (Patent Infringement)
TS-Optics Corporation v. Microsoft Corporation 8:24-cv-01974 CDCA
Supporting TS-Optics

9/25/24 – Current Russ August & Kabat (Patent Infringement)
VirtaMove Corp. v. Hewlett Packard Enterprise Co., 2:24-cv-93 EDTX
VirtaMove Corp. v. Google LLC, 7:24-cv-33 WDTX
VirtaMove Corp. v. Amazon.com, Inc., et al., 7:24-cv-30 WDTX
Supporting VirtaMove Corp

9/25/24 – Current Orrick, Herrington & Sutcliffe LLP (Patent Infringement)
Media Content Protection LLC v. Realtek Semiconductor Corp. 20-cv-1247-CFC DDEL
Supporting Realtek

9/12/24 – Current Russ August & Kabat (Patent Infringement)
Resonant Systems v. Apple Inc. 7:23-cv-00077-ADA WDTX
Supporting Resonant Systems

6/5/24 – Current Russ August & Kabat (Patent Infringement, Validity)
Headwater Research LLC v. AT&T Services, Inc. et al. 2:23-cv-00397-JRG-RSP EDTX
Headwater Research LLC v. T-Mobile USA, Inc. et al. 2:23-cv-00379-JRG-RSP EDTX
Headwater Research LLC v. Samsung Electronics 2:23-CV-00103-JRG-RSP EDTX
Headwater Research LLC v. Verizon Communications Inc. et al. 2:23-cv-00352-JRG-RSP EDTX

Supporting Headwater Research LLC
Reports, Depositions, Testimony at Trial

5/15/24 – 10/15/24 Russ August & Kabat (Patent Infringement)
Cobblestone Wireless, LLC v. Samsung Electronics Co. Ltd., 2:23-cv-00285-JRG-RSP EDTX
Supporting Cobblestone Wireless, LLC

4/25/24 – 12/14/24 Russ August & Kabat (Patent Infringement)
Resonant Systems v. Sony Group Corp. et al., Case No. 2:22-cv-00424-JRG EDTX
Supporting Resonant Systems

3/8/24 – Current Russ August & Kabat (Patent Infringement)
BroadPhone LLC v. Samsung Electronics 2:23-cv-00001 EDTX
Supporting BroadPhone

2/24 – Current Baker & McKenzie (Patent Infringement)
Giesecke & Devrient GmbH v. United States, No. 17-cv-01812 (USCFC)
Supporting Giesecke & Devrient GmbH

12/23 – Current Russ August & Kabat (Patent Infringement)
Vivato Technologies v. AT&T Services INC. et al. 2:23-cv-00202-JRG-RSP (EDTX)
Vivato Technologies v. Verizon Communications, INC. et al. 2:23-cv-00203-JRG-RSP (EDTX)
Vivato Technologies v. T-Mobile USA, INC. 2:23-cv-00204-JRG-RSP (EDTX)
Supporting Vivato Technologies

12/23 – 12/24 Russ August & Kabat (Patent Infringement)
Wireless Alliance, LLC v. AT&T, INC. et al. 2:23-cv-00095-RWS-RSP (EDTX)
Wireless Alliance, LLC v. T-Mobile USA, INC. et al. 2:23-cv-00096-RWS-RSP (EDTX)
Wireless Alliance, LLC v. Verizon Communications, INC. et al. 2:23-cv-00097-RWS-RSP (EDTX)
Supporting Wireless Alliance, LLC

10/23 – 1/24 Russ August & Kabat (Contract Dispute)
BlackBelt Smartphone Defence Ltd. v. PhoneCheck Solutions, LLC 2:22-cv-04342 GW(PDx) (CDCA)
Supporting PhoneCheck Solutions
Report

9/23 – Current Latham Watkins (Contract Dispute)
DivX, LLC v. Renesas Electronics Corporation, JAMS Ref. No. 5240001028
Supporting Renesas

9/23 – 1/25 Russ August & Kabat (Validity)
Headwater Research LLC v. Samsung Electronics Co. Ltd., et al, 2:22-cv-00422-JRG-RSP (EDTX)
Supporting Headwater Research LLC.

Report, Deposition, Testimony at Trial

9/23 – 12/24 Russ August & Kabat (Patent Infringement)
Cobblestone Wireless, LLC v. T-Mobile USA, Inc, 2:22-cv-00477-JRG-RSP (EDTX)
Supporting Cobblestone Wireless, LLC

9/23 – 12/23 Russ August & Kabat (Patent Infringement)
EcoFactor Inc v. Vivint, Inc. 6:22-cv-00034-ADA (WDTX)
Supporting EcoFactor
Report, Deposition

8/23 – 5/24 Nixon Peabody LLP (Patent Infringement)
Network System Technologies, LLC v. Texas Instruments Inc. 2:22-cv-482 (EDTX)
Network System Technologies, LLC v. Samsung Electronics Co., Ltd. 2:22-cv-481 (EDTX)
Supporting Network System Technologies, LLC
Reports, Deposition

8/23 – Current Nixon Peabody LLP (Patent Infringement)
Network System Technologies, LLC v. Qualcomm Inc., et al., Case No. 1:22-cv-1331 (EDTX)
Supporting Network System Technologies, LLC

8/23 – 11/23 Orrick, Herrington & Sutcliffe (Patent Infringement)
Taasera Licensing LLC v. Check Point Software Technologies Ltd. 2:21-cv-00063-JRG-RSP (EDTX)
Supporting Check Point Software Technologies Ltd.

6/23 - 8/7/24 Latham Watkins (Patent Infringement)
AX Wireless LLC, v. Dell Inc., and Dell Technologies Inc. 2:22-cv-277-JRG-RSP (EDTX)
Supporting AX Wireless LLC

6/23 – 6/24 Webb Law Firm (Patent Infringement)
Dynapass IP Holdings LLC v. PNC Financial Services Group, Inc. et al., 2:22-cv-00214 (EDTX)
Supporting PNC Financial Services Group, Inc.
Report

5/23 – 7/23 Norton Rose Fulbright (Patent Infringement)
Centripetal Networks, Inc. v. Palo Alto Networks 2:210-cv-099137-AWA-RJK (EDVA)
Supporting Palo Alto Networks

4/23 – 11/23 Russ August & Kabat (Patent Infringement)
EcoFactor Inc v. Ecobee, Inc. 6:22-cv-00033-ADA (WDTX)
Supporting EcoFactor
Report, Deposition

2/23 – 11/23 Russ August & Kabat (Patent Infringement)
EcoFactor Inc v. Ecobee Technologies 1:21-cv-00323-MN (DDEL)

Supporting EcoFactor
Report, Deposition

12/22 – 12/23 Russ August & Kabat (Patent Infringement)
EcoFactor Inc v. Resideo Technologies 6:22-cv-00069-ADA (WDTX)
Supporting EcoFactor
Report, Deposition

12/22 – 6/23 Russ August & Kabat (Patent Infringement)
EcoFactor Inc v. Amazon.Com 6:22-cv-00068-ADA (WDTX)
Supporting EcoFactor

12/22 – 3/23 Russ August & Kabat (Patent Infringement)
Vivato Technologies v. Cisco Systems, Inc. and Meraki LLC 6:21-cv-00623-ADA (WDTX)
Vivato Technologies v. Samsung Electronics 6:21-cv-00626-ADA (WDTX)
Supporting Vivato

12/22 – 11/23 Winston & Strawn LLP (Patent Infringement)
Flypsi, Inc. v. Google LLC 6:22-cv-00031-ADA (WDTX)
Supporting Flypsi

10/22 – Current Gibson, Dunn & Crutcher LLP (Technical Consulting)
Topics: Storage Technology

9/22 – 10/22 Fabricant LLP (Claim Construction)
Western Digital v. SPEX Technologies Ex Parte Reexamination 90/014,820
Supporting SPEX
Declaration

8/22 – 6/23 Russ August & Kabat (Patent Infringement)
EcoFactor Inc v. Ecobee Technologies 6:21-cv-00428-ADA (WDTX)
Supporting EcoFactor
Report, Deposition, Testimony at Trial

6/22 – 3/23 Orrick, Herrington & Sutcliffe (Patent Infringement)
Advanced Micro Devices, Inc. v. Realtek ITC 337-TA-1318
Advanced Micro Devices, Inc. v. Realtek 2:22-cv-00134 (EDTX)
Supporting Realtek
Report, Deposition, Testimony at Hearing (ITC)

6/22 – 10/23 BC Law Group (Patent Infringement)
Ollnova Technologies LTD v. Ecobee Technologies 2:22-cv-00072-JRG (EDTX)
Supporting Ollnova
Report, Deposition

6/22 – 12/23 BC Law Group (Patent Infringement, Claim Construction, IPRs)

Ollnova Technologies LTD v. Emerson Electric. Co and Verdant Environmental Technologies Inc 6:22-cv-00358 (WDTX), IPR2023-00624, IPR2023-00626
Supporting Ollnova
Declarations

6/22 – 2/23 BC Law Group (Patent Infringement)
Ollnova Technologies LTD v. Carrier Global Corporation 9:22-cv-80388-DMM (SDFL)
Supporting Ollnova

6/22 – 9/22 Russ August & Kabat (Patent Infringement)
Vivato Technologies v. Aruba Networks 2:21-cv-04912 (CDCA)
Vivato Technologies v. Belkin International 2:21-cv-04914 (CDCA)
Vivato Technologies v. Netgear Inc. 8:21-cv-01064 (CDCA)
Vivato Technologies v. Ubiquity Networks 8:21-cv-01065 (CDCA)
Supporting Vivato Technologies

5/22 – 3/24 Gibson, Dunn & Crutcher LLP (Patent Infringement)
Webroot Inc. et al. v. Sophos Ltd. 22-cv-00240 WDTX
Supporting Sophos Ltd

5/22 – 12/22 Orrick, Herrington & Sutcliffe (IPR)
Realtek Semiconductor Corp. v. Future Link Systems, LLC IPR2022-01071
Supporting Realtek
Declaration

4/22 – 5/24 Russ August & Kabat (Patent Infringement, Validity)
AlmondNet, Inc, et al. v. Roku, Inc., 6:21-cv-00876-ADA (WDTX)
AlmondNet, Inc, et al. v. Meta Platforms, Inc., 6:21-cv-00896-ADA (WDTX)
AlmondNet, Inc, et al. v. Microsoft Corporation, 6:21-cv-00897-ADA (WDTX)
AlmondNet, Inc, et al. v. Amazon.com, Inc., et al., 6:21-cv-00898-ADA (WDTX)
AlmondNet, Inc, et al. v. Samsung Electronics Co., Ltd., et al., 6:21-cv-00891-ADA (WDTX)
Supporting AlmondNet, Inc.
Declarations, Reports, Depositions

4/22 – 9/22 Davis Firm PC (Patent Infringement)
TQ Delta, LLC v. Nokia Corp., et al. 2:21-cv-00309-JRG (EDTX)
Supporting TQ Delta, LLC

1/22 – 5/24 Gibson, Dunn & Crutcher LLP (Patent Infringement, Validity)
KOM Software Inc. v. NetApp, Inc. et al. 1:18-cv-00160-RGA (DDEL)
Supporting NetApp, Inc
Reports, Deposition

11/21 – 9/22 Russ August & Kabat (Patent Infringement)
Sonrai Memory v. Google LLC 6:21-cv-00167-ADA (WDTX)
Sonrai Memory v. LG Electronics 6:21-cv-00168-ADA (WDTX)

Sonrai Memory v. Samsung Electronics 6:21-cv-00169-ADA (WDTX)
Supporting Sonrai Memory

6/21 – 12/21 Russ August & Kabat (Patent Infringement, Domestic Industry)
EcoFactor Inc. v. EcoBee et al. ITC 337-TA-1258
Supporting EcoFactors Inc.
Reports, Depositions, Testimony at Hearing (ITC)

6/21 – 2/22 Russ August & Kabat (Patent Infringement)
EcoFactor Inc. v. Google, Vivint 6:20-cv-00075, -78, -80 (WDTX)
Supporting EcoFactors Inc.
Reports, Depositions, Testimony at Trial

5/21 – 3/22 Carlson Caspers (Patent Infringement)
Dali Wireless v. CommScope Technologies 1:19-cv-00952 (DDEL)
Supporting CommScope
Report, Deposition

1/21 – 3/23 Orrick, Herrington & Sutcliffe LLP (Claim Construction, Patent Infringement, Validity, Trade Secrets, Ownership of Assets)
Decurtis LLC v. Carnival Corp and Carnival Corp. v. DeCurtis Corp. and DeCurtis LLC, 1:20-cv-22945 (SDFL) and DeCurtis Holdings LLC (Bankruptcy Court, DDEL)
Supporting Carnival
Declarations, Reports, Depositions, Testimony at Trial, Testimony at Hearing

12/20 – 7/21 Orrick, Herrington & Sutcliffe LLP (Patent Infringement, Domestic Industry)
Koninklijke Philips v. Realtek ITC 337-TA-1224
Supporting Realtek
Report, Deposition, Testimony at Hearing (ITC)

11/20 – 7/21 Baker McKenzie (Trade Secrets, Copyright)
Proofpoint, Inc., et al. v. Vade Secure Inc., et al. 3:19-cv-04238 (NDCA)
Supporting Vade Secure, Inc

10/20 – 4/21 Russ August & Kabat (Claim Construction, Patent Infringement)
Parking Technology Holdings LLC v. Park Assist, LLC 1:20-cv-03156-PGG (SDNY)
Supporting Parking Technology Holdings LLC
Declaration

9/20 – 12/20 Russ August & Kabat (Patent Infringement)
Neodron Ltd v. Apple et al. 337-TA-1193
Supporting Neodron

7/20 – 10/20 Gibson, Dunn & Crutcher LLP (Patent Infringement)
Actifio Inc. v. Rubrik Inc. 1:20-cv-00886-CFC (DDEL)

Supporting Rubrik

7/20 – 8/21 Gibson, Dunn & Crutcher LLP (Patent Infringement)
Commvault Systems Inv. v. Rubrik Inc. 1:20-cv-00524-UNA (DDEL)
Supporting Rubrik

6/20 – 7/21 Russ August & Kabat (Patent Infringement)
Linksmart v. Deep Blue 1:18-cv-02441-EK-PK (EDNY)
Supporting Linksmart

12/19 – 11/20 Russ August & Kabat (Patent Infringement)
EcoFactor Inc. v. EcoBee et al. ITC 337-TA-1185
Supporting EcoFactor Inc.
Report, Deposition, Testimony at Hearing (ITC)

9/19 – 10/19 Singer Cashman LLP (Patent Infringement)
Crane Merchandising Systems v. NewZoom 1:17-cv-1000-GMS (DDEL)
Supporting NewZoom

7/19 – 12/19 Hosie Rice LLP (Patent Infringement)
Implicit, LLC v. Imperva, Inc 2:19-cv-00040-JRG-RSP (EDTX)
Supporting Implicit

4/19 – 6/20 TechKnowledge Law Group LLP (IPR, Patent Infringement, Validity)
Samsung Electronics v. Promos Technologies, Inc.
IPR2019-00784, IPR2019-00781, IPR2019-00780, IPR2019-00779
Supporting Promos Technologies, Inc.
Declarations, Depositions

4/19 – 12/19 Davis Firm PC (Patent Infringement)
Implicit, LLC v. Netscout Systems, Inc 2:18-cv-53-JRG (EDTX)
Supporting Implicit
Declaration

2/19 – 8/19 Davis Firm PC (Patent Infringement)
RPost Holdings v. Adobe Systems 2:11-cv-00325-JRG (EDTX)
RPost Holdings v. DocuSign Inc. 2:12-cv-00683-JRG (EDTX)
RPost Holdings v. Right Signature, LLC (Citrix) 2:10-cv-00258-JRG (EDTX)
RPost Holdings v. Selligent, Inc 2:12-cv-00515-JRG (EDTX)
Supporting RPost Holdings

11/18 – 7/21 Russ August & Kabat (Claim Construction, Patent Infringement, Intervening Rights, Validity)
Linksmart v. Caesars Entertainment Corp. 2:18-cv-00862-MMD-NJK (DNEV),
Linksmart v. Golden Nugget, Inc., Landry's Inc. 2:18-cv-00864-MMD-NJK (DNEV),
Linksmart v. Las Vegas Sands Corp. 2:18-cv-00865-MMD-NJK (DNEV),

Linksmart v. MGM Resports International 2:18-cv-00867-MMD-NJK (DNEV),
Linksmart v. Wynn Resorts, Limited 2:18-cv-00868-MMD-NJK (DNEV)
Supporting Linksmart
Declarations, Reports

11/18 – 11/21 Russ August & Kabat (IPR, Claim Construction, Intervening Rights, Patent Infringement, Validity)
Linksmart v. Panasonic / GoGo 8:18-cv-00654-AG (CDCA) IPR2019-00043
Supporting Linksmart
Declarations, Reports, Depositions

6/18 – 7/18 Weil, Gotshal & Manges LLP (Patent Infringement)
General Electric Co. v. Vestas Wind Systems A/S, et al. 2:17-cv-05653-AB-PLA
Supporting General Electric Co.

5/18 – 9/19 Stubbs Alderton & Markiles (Patent Infringement)
PersonalWeb Technologies v. Amazon 5:18-cv-00767-BLF
PersonalWeb Technologies v. Twitch Interactive 5:18-cv-05619-BLF
Supporting PersonalWeb
Declaration, Reports

3/18 – 4/18 Carlson Caspers (Technical Consulting)
Topics: Cellular Telephony

2/18 – 12/18 Latham Watkins (IPR, Patent Infringement)
FotoNation and DigitalOptics Corp v. Samsung 2:17-cv-669-RWS (EDTX)
Supporting FotoNation and DigitalOptics Corp

12/17 – 6/19 Carlson Caspers (Patent Infringement)
CommScope Technologies v. Dali Wireless 3:16-cv-00477 (NDTX)
Supporting CommScope
Report

11/17 – 6/18 Demarais (Technical Consulting)
Topics: SAN / NAS Storage Technology

6/17 – 9/17 Cozen O'Connor (Patent Infringement, Validity, Domestic Industry
LG v. BLU ITC 337-TA-1051
Supporting BLU
Declaration, Report

6/17 – 12/17 Fish & Richardson (Patent Infringement, Validity, Domestic Industry)
Broadcom v. MediaTek Inc. et al., 8:17-cv-00405-JVS-JCG (CDCA)
Broadcom v. MStar Semiconductor Inc., 8:17-cv-00406-JVS-JCG (CDCA)
Broadcom v. Mediatek / MStar ITC 337-TA-1047
Supporting Mediatek / MStar

3/17 – 5/17 Orrick, Herrington & Sutcliffe LLP (Technical Consulting)
Mentor Graphics v. Synopsys
USC of Appeals for the Federal Circuit 2015-1470, 2015-1554, 2015-1556
Reviews of 3:10-cv-00954-MO, 3:12-cv-01500-MO, 3:13-cv-00579-MO
Supporting Synopsys

2/17 – 6/17 Cozen O'Connor (Patent Infringement)
BlackBerry v. BLU 1:16-cv-23535 (SDFL)
Supporting BLU
Declaration, Report

12/16 – 5/19 Weil, Gotshal & Manges (Technical Consulting)
Topics: Cloud Computing, Security

5/16 – 10/16 Gibson, Dunn & Crutcher (Patent Infringement, Validity)
EMC Corporation v. Pure Storage, Inc. 1:16-cv-00176-RGA (DDEL)
Supporting EMC
Declaration, Report, Deposition

3/16 – 7/18 Schmeiser, Olsen & Watts (Technical Consulting)
Topics: Cellular Telephony, Power Generation Turbines

10/15 – 3/16 McKool Smith (Patent Infringement, Validity)
TCL Communication v. Telefonaktiebolaget LM Ericsson 8:14-cv-00341 (CDCA)
Supporting Ericsson

4/15 – 9/15 McKool Smith (Patent Infringement)
AT&T Intellectual Property v. Cox Communications 1:14-cv-1106-GMS (DDEL)
Supporting AT&T

3/15 – 3/15 Keker & Van Nest (Patent Infringement)
Round Rock Research, LLC v. Sandisk 1:12-cv-00569-SLR (DDEL)
Supporting Sandisk

11/14 – 3/15 Orrick, Herrington & Sutcliffe LLP (Patent Infringement)
NVidia v. Qualcomm / Samsung ITC 337-TA-932
Supporting Nvidia
Report, Deposition and Direct Testimony (ITC)

7/14 – 10/15 Keker & Van Nest (Trade Secrets)
Sandisk v. Hynix 1:14-cv-262078 (NDCA)
Supporting Sandisk
Declaration

4/14 – 9/15 Latham & Watkins (Patent Infringement, Validity)

Market Track LLC v. ECRM, LLC 1:14-cv-4957 (NDI)
Supporting Market Track LLC.
Declaration, Report

4/14 – 12/14 McDermitt Will & Emory (Contract Dispute)
OneNeck v. Patrick 3:13-cv-00894 (NDI)
Supporting Patrick
Report, Deposition

4/14 – 6/14 Latham & Watkins (Patent Infringement)
InterDigital v. Samsung 1:13-cv-00008-RGA (DDEL)
Supporting InterDigital

4/13 – 5/14 Latham & Watkins (Patent Infringement)
InterDigital v. Samsung ITC 337-TA-868
Supporting InterDigital
Report, Deposition and Direct Testimony (ITC)

3/13 – 11/13 McKool Smith (Patent Infringement)
Ericsson v. Samsung ITC 337-TA-862
Supporting Ericsson

Technical Advisor Experience

9/14 – 12/16 Kodiak Data, Inc
Technology and Strategic advisor (Cloud Container Technology)

4/16 – 5/19 ShieldX
Technology and Strategic advisor (Cloud Security Technology)

Areas of Consulting and Expertise

ASIC, FPGA and Full-Custom Design, Computer Architecture, Computer Bus, Datapath, Pipelines, Cache, Memory and IO Systems, Network Protocols and Appliances, Wireless Networks and Transmission Systems, Network Application and Content Security, Email Processing, Security and Content Management, Storage Protocols and Appliances, Clustering Protocols, Storage Systems, Media and Technology, Flash Device, Controller and System Technology, Flash Wear Management and Issues, Hardware Description Languages and Design, Software Programming Languages and Environments, Storage Compression, Encoding, Deduplication and Error Correction, Performance Monitoring and Analysis, Application and Infrastructure Performance Optimization, Public and Private Cloud Infrastructure, Data Center Architecture and Performance, Computer Graphics

Issued US Patents (68)

6,490,703 6,553,545 6,732,288 7,152,124 7,298,746 7,321,926 7,434,058 7,447,777
7,584,262 7,657,104 7,689,614 7,730,011 7,774,604 7,814,327 7,818,326 7,899,828
7,907,608 7,930,540 7,958,227 7,962,591 7,984,175 8,005,863 8,010,689 8,160,070
8,166,307 8,176,049 8,200,026 8,214,599 8,214,608 8,271,794 8,285,961 8,301,635
8,307,007 8,307,206 8,402,198 8,402,246 8,417,871 8,417,895 8,442,059 8,443,150
8,463,800 8,504,537 8,548,170 8,554,774 8,560,693 8,635,416 8,650,362 8,656,039
8,667,366 8,683,035 8,713,252 8,730,955 8,762,386 8,775,741 8,788,758 8,830,836
8,832,384 8,838,850 8,959,288 8,972,689 9,069,676 9,092,471 9,094,338 9,195,407
9,244,861 9,344,525 9,374,225 9,424,180

Patents have been cited over 2850 times in USPTO issued patent and as prior art in PTAB procedings.

Education

BS Electrical Engineering, University of Florida
MS Electrical Engineering, Stanford

Employment History

5/14 – Current
Technical and Legal Consulting

1/13 – 4/14 Violin Memory
Sr. Director of Technology

Responsible for integration of Gridiron technology with Violin Memory storage environments, patent strategy and portfolio acquisitions, technical review of development, systems architecture and flash media technology.

9/08 – 12/12 Gridiron Systems (acquired by Violin Memory)
Office of the CTO, Chief Architect

Gridiron Systems developed an in-line caching appliance for storage area networks using NAND Flash as a caching media. By deploying transparently within a fibre channel network, the appliance allows an existing storage system to operate at solid-state speeds without the need to reconfigure applications, servers or storage and with no data migration or changes to the storage configuration. Responsible for flash technology, adaptive caching, analytics and behavioral modeling, machine learning using Bayesian networks and clustering analytics.

8/07 – 9/08 Strangways
President, CEO

Lead team that designed and sold data leakage protection technology and design consulting to customers including SendMail Inc, IronPort (CSCO), Reconnex (MFE) and Autonomic Networks. Specialized in adaptive lexical parsing to handle webmail reconstruction and parsing for content scanning and policy enforcement.

8/07 - 9/08 Intellectual Property Consultant

Patent analysis consulting service for expert witnesses and patent portfolio evaluations. Infringement analysis and read citations from existing product literature, technical documents and corporate presentations.

8/03 – 8/07 Reconnex (Acquired by McAfee Corp)
Founder, Chief Architect, Director of Engineering

Lead technical development of Reconnex Data Leakage Protection security product with industry first gigabit-speed capture, document and content registration capability, real-time image analysis and classification, heuristic and policy-driven enforcement and data usage analytics. Reconnex technology allows enterprise IT staff to monitor their networks for illicit use of intellectual property or proprietary information and provides the enforcement capability and pattern analysis to aid in policy development.

3/01 – 5/03 Extreme Networks
Logic Design Manager

Lead hardware team supporting hardware and firmware elements of the acquired WebStacks product line. Switch design manager for stackables.

3/00 – 3/01 WebStacks (Acquired by Extreme Networks)
Architect

Developed TCP and HTTP proxy appliances using multiple FPGA-based protocol and semantic processing engines, TCAM search engines and embedded processing elements. Standards-based protocol analysis and handling in silicon for all layers of OSI stack.

12/97 – 3/00 Intel Corporation
Design Engineer

Power and Leakage modeling for future processors and processes. Analysis and development of bulk decoupling strategies and in-die process parameter skew. Developed first circuit to accurately determine the specific process parameter responsible for a yield deficiency.

Publications

Article for ComputerWorld
http://www.computerworld.com.au/author/1205198773/erik-de-la-iglesia/articles
Data leakage prevention: Port dependence dangers

Creative Storage Conference
http://www.creativestorage.org/2011/book/erik de la iglesia.pdf
Revolutionizing Streaming and Post-Production with Solid State Appliances

Flash Memory Summit 2011 (speaker)
http://www.flashmemorysummit.com/English/Collaterals/Proceedings/2011/20110810_T1B_delaIglesia.pdf
MLC Flash for Enterprise Storage Performance

Flash Memory Summit 2012 (speaker)
http://www.flashmemorysummit.com/English/Collaterals/Proceedings/2012/20120822_TG21_Iglesia.pdf
Driving Down Healthcare Costs with Flash

Flash Memory Summit 2012 (speaker)
http://www.flashmemorysummit.com/English/Collaterals/Proceedings/2012/20120823_S301C_Iglesia.pdf
Abstracting the Flash Translation Layer for Enterprise-ready MLC

Storage Network Industry Association
https://www.snia.org/sites/default/education/tutorials/2012/spring/solid/Erik-delalglesia_Comparing_Three_Homes_SSD.pdf
Comparing the Three Homes for SSD in the Infrastructure

VMWare User Group Meetings (Melbourne and Sydney Australia Feb 2014)
Mission-Critical Enterprise Applications

Speaker at Vendor, Industry and User Group Events

- Oct 2011 – SF SQL Server User Group – How to Accelerate You SQL Server Data Warehouse Workloads
- Feb 2012 - Northern California Oracle User Group – Increase Performance of Existing Oracle RAC
- October 2012 – New York Oracle User Group – Increase Performance of Existing Oracle RAC
- 2012 - Rocky Mountain Oracle User Group
- April 2012 Collaborate 12: Independent Oracle User Group – Get Exadata-class performance out of your existing Oracle RAC
- Assorted Vendor Conferences such as VM World, EMC World and Intel Developer's Forum conference