



Geoff A. Cohen, Ph.D.

Vice President

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Background

Geoff A. Cohen, Ph.D. is a vice president at Aon, specializing in computer science and intellectual property litigation, including patent, trade secret, and copyright cases. He has extensive experience investigating the development and design of software systems, identifying and assessing evidence of infringement, and researching and evaluating prior art. He has served as a consulting and testifying expert witness in cases in state court, federal court, the International Trade Commission, and the U.S. Tax Court. He has also assisted government agencies in matters including privacy issues resulting from data breaches, and software asset valuation. His expertise includes enterprise software development, mobile and distributed systems, security, and GPS and geographic computing systems.

He holds a Ph.D. in computer science from Duke University, and an A.B. from the Woodrow Wilson School of Public and International Relations at Princeton University, specializing in technology policy. He is a member of the Association of Computing Machinery's Public Policy Council (USACM) and a member of the Intelligence Science and Technology Experts Group (ISTEG).

Geoff joined Stroz Friedberg from Elysium Digital, which Stroz Friedberg acquired in 2015. Previously, he led the Internet Security & Privacy working group at the M.I.T. Communications Futures Program, and worked with the National Academies' Computer Science and Telecommunications Board. He has also worked for Ernst & Young, IBM, Data General, and the National Security Division of the Congressional Budget Office.

Professional Experience

- Elysium Digital, LLC, Vice President, 2019 – Present
- Privacy and Civil Liberties Oversight Board (PCLOB), Technologist, 2019 – Present
- Stroz Friedberg, LLC, Vice President, 2015 – 2019
- Elysium Digital, LLC, Computer Scientist, 2005 – 2015
- Coherence Engine, Principal, 2003 – 2005
- Cap Gemini Ernst & Young Center for Business Innovation, Senior Consultant/Manager, 1999 – 2002
- IBM, Intern, 1996 – 1997
- Data General, Intern, 1994 – 1995
- Congressional Budget Office, National Security Division, Assistant Analyst, 1992 – 1994

Education

- Ph.D., Computer Science, Duke University, Dissertation: "Architecture, Implementation, and Applications of Bytecode Transformation," 2001
- A.B., Woodrow Wilson School of Public and International Affairs, Princeton University, 1992

Publications

- October 2010: "Targeting Third-Party Collaboration." In *Proc. Detering CyberAttacks: Informing Strategies and Developing Options for U.S. Policy*.
- May 2005: "The Invisible Handshake: Open Source Principles for Business." Monitor Networks White Paper.
- 2004: "Using Bytecode Transformation to Integrate New Features." In *Aspect-Oriented Software Development*.
- 2003: "Spaces of the Real: How Sensors Will Change the Way We See the World." *Perspectives on Business Innovation 9: 79-84*.
- 2002: "The Bionic Organization." Geoff A. Cohen and John S. Parkinson. *Perspectives on Business Innovation 8: 79-84*.
- February 2002: "An Open Letter to the Software Nobility." Geoff A. Cohen and Alan Radding. Center for Business Innovation Working Paper.
- June 2001: "Travels in Silicon: Reflections on the Center for Business Innovation's Untethered Devices Rave." Geoff A. Cohen and Mukul Kanabar. Center for Business Innovation Working Paper.
- 2001: "Taking Up Serpents: How ASPs are Changing the Face of Consulting." *Perspectives on Business Innovation 6: 51-55*.
- 2000: "Pushing Platforms: Corporate Venture Funds." *Perspectives on Business Innovation 5: 26-32*.
- October 1999: "Toward Automatic State Management for Replicated Dynamic Web Services." Geoff Berry, Jeff Chase, Geoff Cohen, Landon Cox, and Amin Vahdat. In *Proc. Network Storage Symposium (NETSTORE'99)*.
- June 1998: "Automatic Program Transformation with JOIE." Geoff A. Cohen, Jeffrey S. Chase, and David L. Kaminsky. In *Proc. USENIX Annual Technical Conference (ATEC'98)*.

Patents

- Dynamic object migration method using proxy object links to support automatic object distribution in an object-oriented environment. Geoffrey Alexander Cohen, David Louis Kaminsky, and Richard Adam King. US Patent 6,324,543, filed March 6, 1998, and issued November 27, 2001.
- Method and system of running object-oriented programs across a network through compression and distillation of remote method invocation. Geoffrey Alexander Cohen, David Louis Kaminsky, and Jonathan Michael Seeber. US Patent 6,125,400, filed November 10, 1997, and issued September 26, 2000.

- Apparatus and method for dynamically modifying class files during loading for execution. Geoffrey Alexander Cohen and Richard Adam King. US Patent 6,072,953, filed September 30, 1997, and issued June 6, 2000.
- Methods, systems, and computer program products for generating client/server applications. Geoffrey Alexander Cohen, James P. Gray, David Louis Kaminsky, Manoj V. S. Kasichainula, Richard Adam King, Zhiyong Li, and Phillip Allan Stone. US Patent 6,011,918, filed April 22, 1998, and issued January 4, 2000.
- Process for running applets over non-IP networks. Geoffrey Alexander Cohen, David Louis Kaminsky, Richard Adam King, and Matthew Raymond MacKinnon. US Patent 5,805,829, filed October 1, 1996, and issued September 8, 1998.

Media Appearances

- August, 26, 2010: "Big Brother and the Civilian Network." Geoff A. Cohen and Jay Stanley. Homeland Security 2020: The Future of Defending the Homeland. Day 4: Cyber Security. C-SPAN.

Testimony

- [1] *3G Licensing, S.A. et al. v. Blackberry Limited et al.*
U.S. District Court, District of Delaware, Case Nos. 1:17-cv-00082, 83, 84, 85
Submitted expert report regarding infringement on behalf of 3G Licensing (represented by Susman Godfrey) in a patent matter regarding telecommunications technologies, 2019.
- [2] *Zest Labs Inc. et al. v. Walmart Inc.*
U.S. District Court, Eastern District of Arkansas, Case No. 4:18-cv-00500
Submitted declaration on behalf of Walmart Inc. (represented by Skadden Arps Slate Meagher & Flom) in a trade secret matter involving food freshness monitoring technology, 2019.
- [3] *UMG Recordings, Inc. et al. v. Grande Communications Networks LLC et al.*
U.S. District Court, Western District of Texas, Case No. 1:17-cv-00365
Was deposed and submitted two expert reports on behalf of Grande Communications Network and Patriot Media Consulting (represented by Armstrong Teasdale) in a copyright matter involving BitTorrent, 2018, 2019.
- [4] *Eagle View Technologies, Inc. et al. v. Xactware Solutions Inc. et al.*
U.S. District Court, District of New Jersey, Case No. 15-cv-07025
Was deposed and submitted multiple expert reports regarding embodiment of asserted patents by Plaintiffs' products and non-infringement of Defendants' products on behalf of Xactware Solutions, Inc. (represented by McCarter & English) in a patent matter regarding roof modeling using aerial imagery, 2018.
- [5] *Calendar Research LLC v. StubHub, Inc. et al.*
U.S. District Court, Central District of California, Case No. 2:17-cv-04062
Submitted multiple declarations, expert report, and was deposed on behalf of Calendar Research LLC (represented by Pierce Sergenian) in a trade secret matter involving scheduling software, 2017, 2018.

- [6] *Vaporstream, Inc. v. Snap Inc. d/b/a Snapchat, Inc.*
U.S. District Court, Central District of California, Case No. 2:17-cv-00220
Was deposed multiple times and submitted declaration and expert report regarding validity and submitted declaration regarding claim construction, on behalf of Vaporstream, Inc. (represented by Susman Godfrey) in a patent matter involving ephemeral data, 2017, 2018.
- [7] *Intellicheck Mobilisa, Inc. v. Wizz Systems LLC.*
U.S. District Court, Western District of Washington, Case No. 2:15-cv-00366
Submitted expert report regarding validity on behalf of Intellicheck Mobilisa, Inc. (represented by Beusse Wolter Sanks & Maire) in a patent matter involving identification validation software, 2017.
- [8] *DataTern, Inc. v. Blazent, Inc. et al.*
U.S. District Court, District of Massachusetts, Case No. 1:11-cv-11970
Was deposed, submitted two declarations concerning claim construction, and submitted two affidavits regarding infringement and validity on behalf of DataTern, Inc. (represented by McCarter & English) in a patent matter regarding object-relational mapping, 2015, 2016.
- [9] *Sisoian v. International Business Machines Corporation*
U.S. District Court, Western District of Texas, Case. No. 1:14-cv-00565
Submitted expert report on behalf of International Business Machines Corporation (represented by Yetter Coleman) in a matter involving trade secret allegations pertaining to Smalltalk source code, 2016.
- [10] *Avid Technology, Inc. v. Media Gobbler, Inc.*
U.S. District Court, District of Massachusetts, Case No. 1:14-cv-13746
Was deposed and submitted expert report on behalf of Media Gobbler, Inc. (represented by Perkins Coie) in a matter involving allegations of trade secret misappropriation relating to audio file formats, 2016.
- [11] *In re Application No. 13/447,932 to Collins et al.*
United States Patent and Trademark Office
Submitted declaration on behalf of Vaporstream, Inc., 2015.
- [12] *Media Bridge LLC v. Clear Channel Outdoor Holdings Inc. et al.*
U.S. District Court, District of Delaware, Case No. 1:15-cv-00122
Submitted declaration on behalf of Media Bridge, LLC (represented by Farnan) in a patent infringement matter regarding interactive mobile advertising platforms, 2015.
- [13] *SpectorSoft Corporation v. Helios Software, LLC*
United States Patent and Trademark Office, Patent Trial and Appeal Board, Case No. 2015-01599
Submitted declaration on behalf of SpectorSoft Corporation (represented by Sterne Kessler Goldstein & Fox) in support of petition for inter partes review regarding a network monitoring patent, 2015.
- [14] *Helios Software LLC et al. v. SpectorSoft Corporation*
U.S. District Court, District of Delaware, Case No. 1:12-cv-00081
Testified as an expert witness at trial, was deposed, submitted two expert reports regarding invalidity, and submitted three declarations on behalf of SpectorSoft Corporation (represented by Shartsis Friese) in a patent case regarding network monitoring, 2013, 2014, 2015.

- [15] *PCMS International, Inc. v. 2295113 Canada, Inc.*
Delaware Court of Chancery, Case No. 8406
Was deposed and submitted expert report on behalf of 2295113 Canada, Inc. (represented by Richards Layton & Finger) in a trade secret dispute regarding point of sale system technology, 2014.
- [16] *Amazon.com, Inc. v. Commissioner of Internal Revenue*
U.S. Tax Court, Case No. 31197-12
Testified and deposed as expert witness and submitted two expert reports on behalf of Commissioner of Internal Revenue in a dispute regarding software valuation, 2014.
- [17] *CA, Inc. v. New Relic, Inc.*
U.S. District Court, Eastern District of New York, Case No. 2:12-cv-05468
Was deposed, submitted two expert reports regarding invalidity and non-infringement, submitted three declarations, and submitted affidavit regarding claim construction on behalf of New Relic, Inc. (represented by Kecker & Van Nest) in a patent case involving application performance management software, 2013.
- [18] *Internal Revenue Service v. National Treasury Employees Union, Chapter 68*
Testified as expert witness at arbitration on behalf of the National Treasury Employees Union in an employment matter involving reliability of a web application, 2013.
- [19] *Apple Inc. v. Samsung Electronics Co., Ltd. et al.*
U.S. District Court, Northern District of California, Case No. 5:12-cv-00630
Was deposed on two occasions and submitted two declarations on behalf of Samsung Electronics Co., Ltd. et al. (represented by Quinn Emanuel Urquhart & Sullivan) in a patent matter regarding smartphone user interfaces, 2012.
- [20] *Toshiba Corporation v. Imation Corp. et al.*
U.S. District Court, Western District of Wisconsin, Case No. 3:09-cv-00305
Submitted declaration on behalf of Imation Corp. et al. (represented by Fish & Richardson) in a patent matter involving DVD reader calibration technology, 2010.
- [21] *The Matter of Certain Automotive Multimedia Display and Navigation Systems, Components Thereof, and Products Containing Same*
U.S. International Trade Commission, Case No. 337-TA-657
Testified as expert witness, was deposed on two occasions, submitted multiple expert reports, and submitted affidavit concerning patent infringement and claim construction on behalf of Honeywell International Inc. (represented by Robins Kaplan) in a patent matter regarding GPS and navigation systems, 2009.
- [22] *Embassy Software Corporation v. eCopy, Inc.*
U.S. District Court, District of New Hampshire, Case No. 1:06-cv-00391
Submitted expert report on behalf of eCopy, Inc. (represented by Goodwin Procter) in a matter involving allegations of copyright and trade secret misappropriation regarding PDF creation software, 2007.
- [23] *Omnipoint Holdings, Inc. v. Town of Brookline et al.*
U.S. District Court, District of Massachusetts, Case No. 1:05-cv-10644
Was deposed in official capacity as member of Town of Brookline committee in a matter regarding PCS technology and the placement of panel antennas in a residential area, 2006.

Professional and Civic Affiliations

- Member, Intelligence Science and Technology Experts Group (ISTEG), National Academy of Sciences, working in support of the Office of the Director of National Intelligence (ODNI)
- Member, USACM Council, Public Policy Committee of the Association for Computing Machinery
- National Research Council Workshop on Deterring CyberAttacks
- Peer Reviewer, U.S. Department of Commerce Broadband Technology Opportunities Program