

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AKAMAI TECHNOLOGIES, INC.,

Petitioner,

v.

EQUIL IP HOLDINGS LLC,

Patent Owner.

Case IPR2023-00332

U.S. Patent No. 9,158,745

**DECLARATION OF JONATHAN BRADFORD
IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW
OF UNITED STATES PATENT NO. 9,158,745**

1. I, Jonathan Bradford, make the following Declaration pursuant to 28 U.S.C. § 1746: I am a Senior IP Paralegal at the law firm of Ropes & Gray LLP.

2. I provide this Declaration in connection with the above-identified *Inter Partes* Review proceeding that is before the United States Patent and Trademark Office (“USPTO”). Unless otherwise stated, the facts stated in this Declaration are based on my personal knowledge.

3. Ex. 1001 is a true and correct copy of U.S. Patent No. 9,158,745 (“’745”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

4. Ex. 1002 is a true and correct copy of File History of U.S. Application No. 13/752,110 (“’745 FH”), which led to U.S. Patent No. 9,158,745, which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

5. Ex. 1004 is a true and correct copy of U.S. Patent No. 6,421,733 (“Tso”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at

the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

6. Ex. 1005 is a true and correct copy of U.S. Patent No. 6,438,576 (“Huang”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

7. Ex. 1006 is a true and correct copy of U.S. Patent No. 5,905,522 (“Lawler”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

8. Ex. 1007 is a true and correct copy of U.S. Patent Application Publication No. US 2002/0078093 (“Samaniego”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

9. Ex. 1008 is a true and correct copy of U.S. Patent No. 5,420,967 (“Delp”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at

the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

10. Ex. 1009 is a true and correct copy of U.S. Patent No. 5,969,716 (“Davis”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

11. Ex. 1010 is a true and correct copy of Application No. 11/269,916 (“’916 FH”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document. Patent Center

12. Ex. 1012 is a true and correct copy of U.S. Patent No. 6,792,575 (“’575”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

13. Ex. 1013 is a true and correct copy of Change-Pro Redline Samaniego vs. ’745 patent, which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at

the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

14. Ex. 1014 is a true and correct copy of Lorelee Stevens, Internet Video Startup Gets \$3.5 Million, N. BAY BUS. J. (Apr. 14, 2008), available at <https://web.archive.org/web/20080421191837/www.northbaybusinessjournal.com/article/20080414/BUSINESSJOURNAL/19773530/1207/BUSINESSJOURNAL02>, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

15. Ex. 1015 is a true and correct copy of LinkedIn Profile for Chris Samaniego, available at <https://www.linkedin.com/in/chris-samaniego-18b6a01>, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

16. Ex. 1016 is a true and correct copy of *Equil IP Holdings LLC v. Akamai Technologies, Inc.*, 1:22-cv-00677 (D. Del. 2022) First Amended complaint (Aug. 3, 2022), which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

17. Ex. 1020 is a true and correct copy of Docket Report for Barger-Great South Ventures LLC v. Equilibrium Techs., which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

18. Ex. 1021 is a true and correct copy of Change-Pro Redline Samaniego vs. '916 Application, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

19. Ex. 1026 is a true and correct copy of File History of U.S. Application No. 12/173,747 ("046 FH), which led to U.S. Patent No. 8,656,046, which was obtained from the USPTO's Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

20. Ex. 1027 is a true and correct copy of File History of U.S. Application No. 12/238,842 ("110 FH), which led to U.S. Patent No. 8,381,110, which was obtained from the USPTO's Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right

corner. However, no alterations, other than these noted markings, have been made to this document.

21. Ex. 1028 is a true and correct copy of Change-Pro Redline Samaniego vs. '747 Application, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

22. Ex. 1029 is a true and correct copy of Change-Pro Redline Samaniego vs. '842 Application, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

23. Ex. 1033 is a true and correct copy of Gerald Graef, *Graphics Formats for Linux*, 23 LINUX J., March 1996, available at <https://dl.acm.org/doi/fullHtml/10.5555/325530.325533>, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

24. Ex. 1034 is a true and correct copy of File History of U.S. Application No. 09/425,326 ("575 FH"), which led to U.S. Patent No. 6,792,575, which was

obtained from the USPTO's Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

25. Ex. 1035 is a true and correct copy of File History of U.S. Application No. 09/929,904 ("009 FH"), which led to U.S. Patent No. 6,964,009, which was obtained from the USPTO's Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

26. Ex. 1036 is a true and correct copy of Luca Delgrossi et al., *Media Scaling in a Multimedia Communication System*, 2 MULTIMEDIA SYS. 172 (1994), available at <https://link.springer.com/article/10.1007/BF01210448>, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

27. Ex. 1037 is a true and correct copy of Armando Fox and Eric A. Brewer, *Reducing WWW latency and bandwidth requirements by real-time distillation*, COMPUT. NETWORKS & ISDN SYS., PROCS. 5TH INT'L WORLD WIDE WEB CONF. (May 1996), available at

<https://www.sciencedirect.com/science/article/abs/-pii/016975529600027X>, which was obtained at my direction. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

28. Ex. 1038 is a true and correct copy of U.S. Patent No. 6,144,996 (“Starnes”), which was obtained from the USPTO’s Patent Center system. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner. However, no alterations, other than these noted markings, have been made to this document.

29. Certain pages have been resized to 8.5 x 11 inches. No content was removed by this resizing.

30. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001. If called to testify as to the truth of the matters stated herein, I could and would testify competently.

31. I declare under penalty of perjury that the foregoing is true and correct.

Executed this 10th day of January, 2023, in Boston, Massachusetts.

/Jonathan Bradford/
Jonathan Bradford
ROPES & GRAY LLP