

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

LG ELECTRONICS INC.,

Petitioner,

vs

PANTECH WIRELESS, LLC,

Patent Owner.

Case IPR2023-01267

U.S. Patent No. 9,313,809

**DECLARATION OF JONATHAN BRADFORD
IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW
OF UNITED STATES PATENT NO. 9,313,809**

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. 9,313,809 (“’809”), 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. 14/319,608 (“’809FH”), 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. 1005 is a true and correct copy of U.S. Patent Application Publication No. 2009/0225709 (“Wager”), 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. 1006 is a true and correct copy of U.S. Provisional Application No. 61/015,316 (“Wager-Prov.”), 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. 1007 is a true and correct copy of International Publication No. WO 2007/078155 (“Lee”), 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.

8. Ex. 1010 is a true and correct copy of U.S. Patent Application Publication No. 2006/0176845 (“Sarkkinen”), 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. 1012 is a true and correct copy of U.S. Patent Application Publication No. 2006/0251027 (“Chun”), 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. 1013 is a true and correct copy of U.S. Patent Application Publication No. 2009/0131052 (“Hakola”), 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. 1014 is a true and correct copy of U.S. Provisional Application No. 60/985,537 (“Hakola-Prov.”), 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.

12. Ex. 1015 is a true and correct copy of International Publication No. WO 2008/081222 (“Lindskog”), 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.

13. Ex. 1016 is a true and correct copy of International Publication No. WO 2005/018241 (“Seidel”), 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.

14. Ex. 1017 is a true and correct copy of U.S. Patent Application Publication No. 2009/0006778 (“Sidi”), 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.

15. Ex. 1018 is a true and correct copy of U.S. Patent Publication No. 2005/0276266 (“Terry-266”), 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.

16. Ex. 1019 is a true and correct copy of WO Patent Application 2009/022855 (“Sung”), 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 U.S. Patent Publication No. 2005/0251722 (“Terry-722”), 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.

18. Ex. 1026 is a true and correct copy of U.S. Patent No. 8,774,104 (“’104”), 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.

19. Ex. 1027 is a true and correct copy of File History of U.S. Application No. 12/238,910 (“’104FH”), 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. 1028 is a true and correct copy of U.S. Provisional Application No. 60/982,528 (“’528-Prov.”), 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. 1029 is a true and correct copy of U.S. Provisional Application No. 60/975,985 (“’985-Prov.”), 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.

22. Ex. 1030 is a true and correct copy of Third Amended Docket Control Order, *Pantech Corp. et al. v. LG Electronics Inc. et al.*, Case 5:22-cv-00113-RWS-JBB (E.D. Texas), Dkt. No. 98, 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. 1031 is a true and correct copy of Docket Navigator “Time to Trial” report for Judge Robert W. Schroeder, 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. 1032 is a true and correct copy of USCourts.gov “U.S. District Court – Judicial Caseload Profile” for Eastern District of Texas, 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.

25. Ex. 1033 is a true and correct copy of Joint Claim Construction and Prehearing Statement, *Pantech Corp. et al. v. LG Electronics Inc. et al.*, Case 5:22-

cv-00113-RWS-JBB (E.D. Texas), Dkt. No. 118, 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.

26. Ex. 1034 is a true and correct copy of University of Notre Dame, Wireless Institute, “RadioHound: Distributed Spectrum Sensing, 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. 1035 is a true and correct copy of 3GPP, “Introducing 3GPP”, 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. 1036 is a true and correct copy of 3GPP, “About 3GPP”, 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.

29. Ex. 1037 is a true and correct copy of 3GPP, “Specifications Per TSG Round”, 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.

30. Ex. 1038 is a true and correct copy of ShareTechnote, “4G/LTE RACH”, 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.

31. Ex. 1039 is a true and correct copy of 3GPP, “36.321”, 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.

32. Ex. 1040 is a true and correct copy of 3GPP Technical Specification TS 36.321 v8.0.0 (2007-12) (“TS36.321”), 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.

33. Ex. 1041 is a true and correct copy of U.S. Patent No. 6,363,121, 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.

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

35. 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.

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

Executed this 11th day of August, 2023, in Boston, Massachusetts.

/Jonathan Bradford/
Jonathan Bradford
ROPES & GRAY LLP