

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Intel Corporation
Petitioner

v.

Qualcomm Incorporated
Patent Owner of U.S. Patent No. 8,838,949
Claims 18-21

Trial No. IPR2018-01336

**DECLARATION OF BILL LIN, PH.D.
ON BEHALF OF PETITIONER**

IPR2018-01334
Intel v. Qualcomm

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computer, a hand-held personal communication systems (PCS) unit, a portable data unit, and a fixed location data unit.” 100

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1. I, Bill Lin, Ph.D. declare as follows:

I. BACKGROUND

2. I am currently Professor and Vice Chair of Electrical and Computer Engineering at the University of California, San Diego (UCSD). I am also Adjunct Professor of Computer Science and Engineering at UCSD.

3. My Curriculum Vitae, which states my qualifications more fully, is attached as Appendix A. A list of all cases in which I have testified as an expert at trial or by deposition in the last four years is also included in Appendix A.

4. I received a Bachelor's of Science degree in 1985, a Master's of Science degree in 1988, and a Ph.D. in 1991, all in Electrical Engineering and Computer Sciences from the University of California, Berkeley.

5. I joined UCSD in 1997, and I have been a tenured professor since 1999. My teaching and research has focused on computer architecture and computer network problems, including the design of multiprocessor and multi-core processor architectures, multiprocessor and multi-core processor interconnection buses and networks, network processors, systems-on-chips, and data networks. I regularly teach a senior-level design course on the design of advanced processors, and I have taught graduate courses in hardware/software co-design and advanced special topics in computer architecture.

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