

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Intel Corporation
Petitioner

v.

VLSI Technology LLC
Patent Owner

U.S. Patent No. 7,246,027
Claims 1-3, 5-12, and 18-20

Case IPR2019-01196

**DECLARATION OF DAVID HARRIS, PH.D.
ON BEHALF OF PETITIONER**

INTEL 1005

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U.S. Patent 7,246,027 patent, Claims 1-3, 5-12, and 18-20

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I. INTRODUCTION

1. My name is Dr. David Harris, Ph.D. My qualifications are described below and in more detail in my curriculum vitae, attached as Appendix A.

2. I am the Harvey S. Mudd Professor of Engineering Design and Harvey Mudd College, where I have taught since 1999 and am presently the Associate Chair of the Engineering Department. I earned my Ph.D. in Electrical Engineering from Stanford University in 1999. I earned my Masters of Engineering in Electrical Engineering and Computer Science from MIT in 1994, and also earned my S.B. degrees in Electrical Engineering and Mathematics there at the same time.

3. I have been active in research and development of integrated circuits since 1992, with particular emphasis on low-power and high-speed integrated circuits. In 2012-2014, I was a Technical Director at Broadcom Corporation, where I led the development of Broadcom's first 16 nm microprocessor, as well as several techniques for low power integrated circuits. In 1997-2009, I was a Visiting Professor at Sun Microsystems. In 1994-1997, I was a Senior Engineer at Intel Corporation, where I developed components of the Pentium II and Itanium

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