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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.

Petitioner,

v.

MASIMO CORPORATION,

Patent Owner.

Case IPR2020-01526

U.S. Patent 6,771,994

DECLARATION OF VIJAY K. MADISETTI, PH.D.

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I, Vijay K Madiseti, Ph.D, declare as follows:

1. I have been retained by counsel for Patent Owner Masimo Corporation (“Masimo”) as an independent expert witness in this proceeding. I have been asked to provide my opinions regarding the Petition in this action and the declaration offered by Brian W. Anthony, Ph.D., (EX1003) challenging the patentability of Claim 15 of U.S. Patent No. 6,771,994 (“the ’994 Patent”). I am being compensated at my usual and customary rate for the time I spend working on this proceeding, and my compensation is not affected by its outcome.

I. QUALIFICATIONS

2. My qualifications are set forth in my curriculum vitae, a copy of which is included as Exhibit 2002. A summary of my qualifications follows.

3. I am a professor in Electrical and Computer Engineering at the Georgia Institute of Technology (“Georgia Tech”). I have worked in the area of digital signal processing, wireless communications, computer engineering, integrated circuit design, and software engineering for over 25 years, and have authored, co-authored, or edited several books and numerous peer-reviewed technical papers in these area.

4. I obtained my Ph.D. in Electrical Engineering and Computer Science at the University of California, Berkeley, in 1989. While there, I received the Demetri Angelakos Outstanding Graduate Student Award and the IEEE/ACM Ira M. Kay Memorial Paper Price.

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