

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

REMBRANDT WIRELESS TECHNOLOGIES, LP,
Patent Owner.

Cases IPR2020-00033, IPR2020-00034, IPR2020-00036, IPR2020-00037
U.S. Patent Nos. 8,023,580 and 8,457,228

DECLARATION OF NIKIL JAYANT

Rembrandt Wireless

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I, Nikil Jayant, Ph.D., do hereby declare as follows:

I. Introduction

1. I am currently Emeritus Chaired Professor in the School of Electrical and Computer Engineering at the Georgia Institute of Technology, and an Adjunct Professor at the University of California at Santa Barbara.

2. I have been retained by Edell, Shapiro and Finnan, LLC (hereinafter "the Edell Firm"), to provide various opinions regarding U.S. Patent No. 8,023,580 (hereinafter "the '580 patent") and U.S. Patent No. 8,457,228 (hereinafter "the '228 patent"). I understand that my declaration is being submitted in connection with a Patent Owner Preliminary Response in *inter partes* reviews of the '580 patent and the '228 patent. Unless otherwise noted, the statements made herein are based on my personal knowledge and, if called to testify with regards to this declaration, I could and would do so competently and truthfully. For purposes of this declaration, cites to the 1000 series are from IPR2020-00033 and cites to the 1100 series are from IPR2020-00034, unless indicated otherwise.

3. I have been retained in this matter by the Edell Firm as a technical expert in the field of electrical engineering, particularly within the context of telecommunications and modulation. I am being compensated for my work in this matter at my usual and customary rate. I have no personal or financial stake or interest in the outcome of the *inter partes* reviews or any related action. My

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