UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ADVANCED MICRO DEVICES, INC.,
Petitioner

v.

MONTEREY RESEARCH, LLC,
Patent Owner.

DECLARATION OF R. JACOB BAKER, PH.D., P.E. IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 6,651,134

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I, R. Jacob Baker, Ph.D., P.E., declare as follows:

1. My name is R. Jacob Baker. I have prepared this declaration as an expert witness retained by Advanced Micro Devices, Inc. In this declaration, I present my opinions, and technical basis for those opinions, that claims 1-21 of U.S. Patent No. 6,651,134 ("the '134 Patent") are invalid.

2. This declaration contains statements of my opinions formed to date and the reasons for those opinions. I may offer additional opinions based on further review of materials in this case, including opinions and/or testimony of other expert witnesses. I make this declaration based upon my own personal knowledge and, if called upon to testify, would testify competently to the matters contained herein.

I. BACKGROUND AND QUALIFICATIONS

1. I have been working as an Engineer since 1985, and I have been teaching Electrical and Computer Engineering courses since 1991. I am currently a Professor of Electrical and Computer Engineering at the University of Nevada, Las Vegas ("UNLV"). I am also currently an industry consultant for Freedom Photonics. I am the named inventor on over 150 U.S. patents resulting from my industry work.

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