

UNITED STATES PATENT AND TRADEMARK OFFICE

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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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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