

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ADVANCED MICRO DEVICES, INC.
Petitioner

v.

AQUILA INNOVATIONS INC.,
Patent Owner

Case No. IPR2019-01525
Patent No. 6,239,614

DECLARATION OF DR. STEVEN A. PRZYBYLSKI

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I. INTRODUCTION

1. I, Steven A. Przybylski, Ph.D., have been retained by Freitas & Weinberg LLP on behalf of Aquila Innovations Inc. (“Aquila”) as an independent expert in the field of computer memory technology in this *inter partes* review number IPR2019-01525 of U.S. Patent No. 6,239,614 (“the ’614 patent”).

2. I understand that the ’614 patent is owned by Aquila Innovations, Inc., which I understand has sued Advanced Micro Devices, Inc. (“AMD”) for infringement of the ’614 patent and that AMD filed the IPR petition.

3. I am being compensated at my standard hourly rate for my work on this matter, including providing this declaration. My compensation is not dependent on the outcome of this *inter partes* review (“IPR”), the infringement litigation, or any other proceeding. The compensation I receive in this case does not in any way affect the substance of my testimony in this declaration.

4. I have no financial interest in the ’614 patent, Aquila, or any entity affiliated with Aquila. I do not stand to benefit or be harmed financially in any way by the outcome of this IPR or the infringement litigation.

5. I understand that the Patent Trial and Appeal Board (“PTAB”) has ordered trial on each of the grounds AMD has asserted: That claims 1-3 of the ’614 patent are obvious over Urano (Japanese Unexamined Patent H10-125878, Exhibit

1008) in view of Mutoh021 (Japanese Patent H08-018021, Exhibit 1013); that claims 1-3 are obvious over Mutoh (Mutoh et al., “1-V Power Supply High-Speed Digital Circuit Technology with Multithreshold-Voltage CMOS,” *IEEE Journal of Solid-State Circuits*, Vol. 30, No. 8, 847-854 (1995), Exhibit 1005) in view of Mutoh021; and that claims 4 and 5 are obvious over Douseki (U.S. Patent No. 5,486,774, Exhibit 1010) in view of Ramus (U.S. Patent No. 5,631,492, Exhibit 1011).

6. In preparing this declaration, I have considered the '614 patent and its prosecution history, the AMD's IPR petition, the declaration of Dr. Holberg in Support of *Inter Partes* Review of U.S. Patent No. 6,239,614 (Exhibit 1003) (“Holberg Decl.”), the prior art and references identified in the petition and Dr. Holberg's declaration, my knowledge and expertise in the art, and any additional materials cited herein.

II. SUMMARY OF OPINIONS

7. Based on my review and analysis of the materials in this matter, as well as my experience and education, in my opinion the Petition fails to show that claims 1-3 of the '614 patent should be found unpatentable.

8. Based on my review and analysis of the materials in this matter, as well as my experience and education, in my opinion one of ordinary skill in the art

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