

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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REALTEK SEMICONDUCTOR CORP.,  
Petitioner

v.

ATI TECHNOLOGIES ULC  
Patent Owner

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Case No.: IPR2023-00922

U.S. Patent No. 8,760,454

Issue Date: June 24, 2014

Title: Graphics Processing Architecture Employing a Unified Shader

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**DECLARATION OF HANSPETER PFISTER, PH.D.**  
**IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW**  
**OF U.S. PATENT NO. 8,760,454**

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