| UNITED STATES PATENT AND TRADEMARK OFFICE |
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| BEFORE THE PATENT TRIAL AND APPEAL BOARD |
| APPLE INC., Petitioner, |
| PARTHENON UNIFIED MEMORY ARCHITECTURE LLC, Patent Owner |

Paper ____

PETITIONER APPLE INC.'S ADDITIONAL **POWER OF ATTORNEY PURSUANT TO 37 CFR 42.10(b)**

Case IPR2016-01114 — Patent No. 7,777,753

Pursuant to 37 CFR 42.10(b) Petitioner, Apple Inc., hereby appoints—in addition to the Practitioner(s) associated with Customer Number 27683—David L. Alberti of Feinberg Day Alberti & Thompson LLP (Reg. No. 43,465) as its attorney(s) to prosecute and to transact all business before the Patent Trial & Appeal Board of the United States Patent and Trademark Office in connection with the following *inter partes* review proceeding(s):

Case No. IPR2016-01114 (U.S. Patent No. 7,777,753).

Please continue to recognize the correspondence address (including any electronic mail address) associated with Customer Number 27683 for the aboveidentified inter partes review proceeding(s) associated with the appointed lead and backup counsels.

The undersigned is authorized to sign this Power of Attorney on behalf of the Petitioner.

Executed on July 13, 1017 Apple Inc.

Printed Name: Noreen Krall

Title: Vice President, Chief Litigation

Counsel