

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

**QUALCOMM INC. AND QUALCOMM TECHNOLOGIES,
INC.,**

Petitioners

v.

APPLE INC.,

Patent Owner

U.S. PATENT NO. 8,656,196

**TITLE: HARDWARE AUTOMATIC PERFORMANCE STATE
TRANSITIONS IN SYSTEM ON PROCESSOR SLEEP AND
WAKE EVENTS**

Issue Date: February 18, 2014

PETITION FOR *INTER PARTES* REVIEW
UNDER 35 U.S.C. § 312

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I. Introduction

Pursuant to 35 U.S.C. § 312 and 37 C.F.R. § 42.100 *et seq.*, Qualcomm Inc. and Qualcomm Technologies, Inc. (collectively, “Petitioners” or “Qualcomm”) request *inter partes* review of claims 1, 2, 3, 7 and 8 (the “Challenged Claims”) of U.S. Patent No. 8,656,196 (“the ’196 Patent,” Ex. 1001), which is assigned to Apple, Inc. (“Patent Owner” or “Apple”). Because the Challenged Claims are unpatentable over the prior art, *inter partes* review should be instituted, and the Challenged Claims should be cancelled.

II. Mandatory Notices

A. Real Party in Interest (37 C.F.R. § 42.8(b)(1))

Qualcomm Inc. and Qualcomm Technologies, Inc. are the real parties-in-interest.

B. Related Matters (37 C.F.R. § 42.8(b)(2))

The ’196 Patent and its Related Patents (U.S. Pat. No. 8,443,216, the parent of the ’196 Patent, and U.S. Pat. No. 8,271,812, the grandparent of the ’196 patent) are involved in the following pending litigation that may affect, or be affected by, a decision in this proceeding: *Qualcomm Inc. v. Apple Inc.*, Case No. 3:17-cv-1375 (S.D. Cal.) (“’1375 Case”).

Petitioners are filing IPR petitions directed to the Related Patents (U.S. Pat. Nos. 8,443,216 and 8,271,812) concurrently with the filing of this petition.

C. Lead and Back-Up Counsel and Service Information (37 C.F.R. § 42.8(b)(3) and (b)(4))

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Pursuant to 37 C.F.R. § 42.10(b), a Power of Attorney accompanies this Petition. Please address all correspondence to lead and back-up counsel at the address above. Qualcomm also consents to electronic service by email at the email addresses listed above.

D. Fees (37 C.F.R. § 42.103)

The undersigned representative of Petitioners authorizes the Board to charge the \$15,500 Petition Fee, as well as any additional fees, to Deposit Account 501432,

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