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Filed on behalf of Intel Corporation

By: David L. Cavanaugh, Reg. No. 36,476  
John V. Hobgood, Reg. No. 61,540  
Benjamin S. Fernandez, Reg. No. 55,172  
Wilmer Cutler Pickering Hale and Dorr LLP  
1875 Pennsylvania Ave., NW  
Washington, DC 20006  
Tel: (202) 663-6000  
Email: David.Cavanaugh@wilmerhale.com  
John.Hobgood@wilmerhale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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INTEL CORPORATION  
Petitioner

v.

QUALCOMM INCORPORATED  
Patent Owner

Case IPR2019-00048

**PETITION FOR *INTER PARTES* REVIEW OF  
U.S. PATENT NO. 9,154,356  
CHALLENGING CLAIMS 1, 9, 10, 17, and 18**

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## I. INTRODUCTION

Intel Corporation (“Intel” or “Petitioner”) respectfully requests *Inter Partes* Review of claims 1, 9, 10, 17, and 18 of U.S. Patent No. 9,154,356 (the “’356 Patent”) (EX1101-’356-Patent) pursuant to 35 U.S.C. §§311-19 and 37 C.F.R. §42.1 *et seq.*

## II. MANDATORY NOTICES

### A. Real Party-in-Interest

Intel and Apple Inc. (“Apple”) are the real parties-in-interest.

### B. Related Matters

Qualcomm Incorporated (“Qualcomm” or “Patent Owner”) has asserted the ’356 patent against Apple in *Certain Mobile Electronic Devices and Radio Frequency and Processing Components Thereof*, Investigation No. 337-ITC-1093, currently pending before the International Trade Commission (“ITC 1093 Investigation”).

Qualcomm also has asserted the ’356 patent against Apple in another currently pending case, *Qualcomm Inc. v. Apple Inc.*, No. 3:17-cv-02398 (S.D. Cal.) (“Related Matter No. 3:17-cv-02398”).

Petitioner is filing the following other petitions for *inter partes* review of the ’356 patent: IPR-2019-00047, IPR-2019-00049, IPR-2019-00128, and IPR-2019-00129.

Petitioner requests that these petitions be assigned to the same panel.

### **C. Counsel**

Lead Counsel: David L. Cavanaugh (Registration No. 36,476)

Backup Counsel: John V. Hobgood (Registration No. 61,540);

Benjamin S. Fernandez (Registration No. 55,172).

### **D. Service Information**

E-mail: David.Cavanaugh@wilmerhale.com;

John.Hobgood@wilmerhale.com;

Ben.Fernandez@wilmerhale.com.

Post and hand delivery: Wilmer Cutler Pickering Hale and Dorr LLP

1875 Pennsylvania Ave., NW

Washington, DC 20006

Tel: (202) 663-6000

Fax: (202) 663-6363

Petitioner consents to email delivery on lead and backup counsel.

### **III. CERTIFICATION OF GROUNDS FOR STANDING**

Petitioner certifies pursuant to Rule 42.104(a) that the patent for which review is sought is available for *inter partes* review and that Petitioner is not barred or estopped from requesting an *inter partes* review challenging the patent claims on the grounds identified in this Petition.

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