

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SAMSUNG ELECTRONICS, CO. LTD., SAMSUNG ELECTRONICS  
AMERICA, INC., AND SAMSUNG SEMICONDUCTOR, INC.  
Petitioner

v.

RAYTHEON COMPANY  
Patent Owner

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**Case: IPR2016-00739**

**Patent 5,591,678**

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**UPDATED MANDATORY NOTICES BY  
PATENT OWNER UNDER 37 CFR § 42.8  
(ADDING ADDITIONAL BACK-UP COUNSEL)**

Pursuant to 37 C.F.R. §42.8(a)(2), Patent Owner RAYTHEON COMPANY, submits the following mandatory notices:

**(1) Real Party-In-Interest – 37 CFR § 42.8(b)(1)**

The real party-in-interest is RAYTHEON COMPANY, a corporation organized under the laws of Delaware with a principal place of business in Waltham, Massachusetts, and the assignee of U.S. Patent No. 5,591,678 (the '678 patent”).

**(2) Related Matters – 37 CFR § 42.8(b)(2)**

Patent Owners submit that the '678 patent is the subject of two pending patent infringement lawsuits brought by the Patent Owner in the United States District Court for the Eastern District of Texas: (1) *Raytheon Company v. Samsung Electronics Co., Ltd. et al.*, Case No. 2:15-cv-00341 and (2) *Raytheon Company v. Sony Kabushiki Kaisha et al.*, Case No. 2:15-cv-00342. Sony Corporation has filed two petitions against the '678 Patent in IPR2015-01201 and IPR2016-00209. The Board has instituted trial for IPR2015-01201 and IPR 2016-00209 on October 13, 2016. Samsung Electronics, Co. Ltd., Samsung Electronics America, Inc., and Samsung Semiconductor, Inc. filed a petition on March 10, 2016 against the '678 Patent in IPR2016-00739. The Board has not yet determined whether it will institute trial on any ground in Samsung's petition. Samsung filed a second petition in IPR2016-00962 and that case has now been joined with IPR2016-00209.

**(3) Lead and Back-Up Counsel - 37 CFR § 42.8(b)(3)**

Patent Owner designates the following counsel:

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**(4) Service Information- 37 CFR § 42.8(b)(4)**

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Respectfully submitted,

Date: August 26, 2016

/Thomas J. Filarski/

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