

Paper No. \_\_\_\_\_

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC., and  
SAMSUNG ELECTRONICS AMERICA, INC.,  
Petitioners,

v.

UNILOC 2017 LLC,  
Patent Owner.

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Case IPR2018-00289<sup>1</sup>  
Patent No. 8,872,646

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**PETITIONER APPLE INC. DEMONSTRATIVES  
FOR ORAL ARGUMENT**

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<sup>1</sup> Samsung Electronics America, Inc., which filed a petition in IPR2018-01383, has been joined as a party to this proceeding.

In accordance with 37 C.F.R. § 42.70(b) and the Board's Order of November 20, 2018 (Paper 18), Petitioner Apple Inc., files herewith Exhibit APPL-1017, which contains a set of individual demonstrative exhibits for the oral hearing scheduled for January 24, 2019.

Patent Owner made no objections to these demonstratives.

Respectfully submitted,

Dated: January 17, 2019  
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/Andrew S. Ehmke/  
Andrew S. Ehmke  
Lead Counsel for Petitioner  
Registration No. 50,271

**PETITIONER UPDATED EXHIBIT LIST**

**January 17, 2019**

APPL-1001	U.S. Patent No. 8,872,646.
APPL-1002	Prosecution History of U.S. Patent No. 8,872,646.
APPL-1003	U.S. Patent No. 7,409,291 to Pasolini <i>et al.</i>
APPL-1004	<i>Using the LIS3L02AQ Accelerometer</i> , Ron Goldman, Sun Microsystems Inc. Dated February 23, 2007.
APPL-1005	U.S. Patent No. 7,204,123 to McMahan <i>et al.</i>
APPL-1006	U.S. Patent Publication No. 2006/0161377 to Rakkola <i>et al.</i>
APPL-1007	<i>Using Gravity to Estimate Accelerometer Orientation,</i> ” David Mizell, Proceedings of the Seventh IEEE International Symposium on Wearable Computers (ISWC '03) 2003.
APPL-1008	Declaration of Chris Butler, Under 37 C.F.R. § 1.68.
APPL-1009	<i>Dictionary of Scientific and Technical Terms,</i> ” McGraw-Hill.
APPL-1010	Declaration of Joe Paradiso, Ph.D, Under 37 C.F.R. § 1.68.
APPL-1011	Curriculum Vitae of Joe Paradiso.
APPL-1012	Declaration of Ingrid Hsieh-Yee, Under 37 C.F.R. § 1.68.
APPL-1013	Reserved.
APPL-1014	U.S. Patent No. 7,028,220 to Park <i>et al.</i>
APPL-1015	Email Correspondence between Petitioner’s Counsel and the Board.
APPL-1016	Email Correspondence between Petitioner’s Counsel and Patent

Petitioner Apple Inc. Demonstratives for Oral Argument  
IPR2018-00289 (Patent No. 8,872,646)

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	Owner's Counsel.
APPL-1017	Petitioner Apple Inc. Demonstratives (IPR2018-00289 – U.S. Pat. No. 8,872,646)

**CERTIFICATE OF SERVICE**

Pursuant to 37 C.F.R. §§ 42.6(e) and 42.105(a), this is to certify that I caused to be served a true and correct copy of the following documents as detailed below:

*Date of service* January 17, 2019

*Manner of service* Electronic Mail to:  
[brett@etheridgelaw.com](mailto:brett@etheridgelaw.com)  
[ryan@etheridgelaw.com](mailto:ryan@etheridgelaw.com)  
[jim@etheridgelaw.com](mailto:jim@etheridgelaw.com)  
[jeff@etheridgelaw.com](mailto:jeff@etheridgelaw.com)

*Documents served* PETITIONER APPLE INC. DEMONSTRATIVES FOR ORAL ARGUMENT; Exhibit APPL-1017

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