

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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SONOS, INC.  
Petitioner

v.

IMPLICIT, LLC  
Patent Owner

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IPR2018-00767  
U.S. Patent No. 8,942,252

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**PETITIONER'S UPDATED EXHIBIT LIST**

## TABLE OF EXHIBITS

EXHIBIT	DESCRIPTION
Ex.1001	U.S. Patent No. 8,942,252 to Balassanian et al.
Ex.1002	Patent Owner's Original Complaint in <i>Implicit, LLC v. Sonos, Inc.</i> , Case No. 1:17-cv-00259-LPS (D. Del.) (D.I. 1, dated 03/10/2017)
Ex.1003	Patent Owner's First Amended Complaint in <i>Implicit, LLC v. Sonos, Inc.</i> , Case No. 1:17-cv-00259-LPS (D. Del.) (D.I. 34, dated 10/06/2017)
Ex.1004	Petitioner's Answer, Affirmative Defenses, and Counterclaims to Patent Owner's First Amended Complaint in <i>Implicit, LLC v. Sonos, Inc.</i> , Case No. 1:17-cv-00259-LPS (D. Del.) (D.I. 36, dated 11/20/2017)
Ex.1005	Petitioner's First Amended Answer, Affirmative Defenses, and Counterclaims to Patent Owner's First Amended Complaint in <i>Implicit, LLC v. Sonos, Inc.</i> , Case No. 1:17-cv-00259-LPS (D. Del.) (D.I. 39, dated 1/11/2018)
Ex.1006	Patent Owner's Initial Claim Charts in <i>Implicit, LLC v. Sonos, Inc.</i> , Case No. 1:17-cv-00259-LPS (D. Del.) (01/22/2018)
Ex.1007	U.S. Patent No. 7,269,338 to Janevski
Ex.1008	U.S. Provisional Patent Application No. 60/341,574
Ex.1009	Expert Declaration of Roman Chertov
Ex.1010	Publication entitled "Fault-Tolerant Clock Synchronization for Distributed Systems with High Message Delay Variation" by Marcelo Moraes de Azevedo et al.
Ex.1011	Publication entitled "Network Time Protocol (Version 3) Specification, Implementation and Analysis" by David L. Mills
Ex.1012	Publication entitled "Time Synchronization Over Networks Using Convex Closures" by Jean-Marc Berthaud
Ex.1013	U.S. Patent No. 6,278,710 to Eidson
Ex.1014	U.S. Patent No. 5,642,171 to Baumgartner
Ex.1015	Publication entitled "Data Smoothing" by J.T. Grissom et al.

Ex.1016	Publication entitled “Smoothing Methods in Statistics” by Jeffrey S. Simonoff
Ex.1017	“Modern Dictionary of Electronics,” 7th Edition (1999)
Ex.1018	Printout of “Statistics Glossary v1.1” by Easton & McColl, <a href="http://www.stats.gla.ac.uk/steps/glossary/index.html">http://www.stats.gla.ac.uk/steps/glossary/index.html</a> (last updated September 1997)
Ex.1019	Deposition Transcript of Edward Balassanian, Feb. 27, 2019
Ex.1020	Deposition Transcript of Atif Hashmi, Mar. 8, 2019
Ex.1021	Christian Hurt Email, Jan. 16, 2019
Ex.1022	Rebuttal Expert Declaration of Roman Chertov, Mar. 18, 2019
Ex.1023	Webster’s New World Dictionary and Thesaurus, Second Ed. (2002), “clock”
Ex.1024	Merriam-Webster Online Dictionary, available at <a href="https://www.merriam-webster.com/dictionary/timer">https://www.merriam-webster.com/dictionary/timer</a> (last accessed Mar. 17, 2019), “timer”
Ex.1025	sosisampleclock.h from /2001.11.01/strings/include/
Ex.1026	socketip.c from /2001.11.01/beads/stringssock/main/
Ex.1027	Christian Hurt Email, Mar. 7, 2019

## CERTIFICATE OF SERVICE

In accordance with 37 CFR §42.6(e)(4), I hereby certify that on April 24, 2019, a true copy of the accompanying EXHIBIT LIST, was served via electronic mail to the following counsel at the addresses designated for service by Patent Owner:

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Date: April 24, 2019

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