

**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.  |

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| 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   |
| Ex.1028 | Sonos Demonstratives   |
| Ex.1029 | Pre-Hearing Conference Transcript, June 13, 2019   |

**CERTIFICATE OF SERVICE**

In accordance with 37 CFR §42.6(e)(4), I hereby certify that on June 25, 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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