

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

SONOS, INC.,  
Petitioner,

v.

IMPLICIT, LLC,  
Patent Owner.

---

Case No. IPR2018-00767  
Patent No. 8,942,252

---

**PATENT OWNER'S UPDATED EXHIBIT LIST**

Pursuant to 37 C.F.R. § 42.63(e), Patent Owner Implicit, LLC hereby submits a current listing of Patent Owner exhibits. Exhibit 2096 is being filed today.

<b>Exhibit</b>	<b>Description</b>
2001	Declaration of Edward Balassanian
2002	“Technical Presentation.ppt” from BeComm files
2003	“demo000.html” from BeComm files
2004	“index.html” from BeComm files re: DEMO 2000
2005	“P0000542.jpg” from BeComm files
2006	“web_tablet.html” from BeComm files
2007	“strsings_audio.html” from BeComm files
2008	“index.html” from BeComm files re: Project Juno
2009	“Phase0Formatted.doc” from BeComm files re: Project Juno
2010	Joint Claim Construction Statement in <i>Implicit, LLC v. Sonos, Inc.</i> , No. 17-259-LPS-CJB (D. Del.)
2011	“Juno Phase 1.doc” from BeComm files re: Project Juno
2012	“Project Juno Status 021601.msg” from BeComm files re: Project Juno
2013	Strings Source Code CVS log excerpts for avsync.c file.
2014	Strings Source Code CVS log excerpts for timesync.c file.
2015	Strings Source Code CVS log excerpts for video.rule file within remotesync package.
2016	Strings Source Code CVS log excerpts for audiosync.c file.
2017	Source code for audiosync.c from BeComm files
2018	“clocksync.htm” from BeComm files
2019	Source code for timesync.c from BeComm files
2020	Source code for clocksync.c from BeComm files
2021	“Using Strings to Compose Applications from Reusable Componen.pdf” from BeComm files
2022	“rulesfiles.htm” from BeComm files
2023	Source code for source.pl from BeComm files re: test/demo

Exhibit	Description
2024	Screen capture of “fightclubrbg.avi” from BeComm files in bdk/test/demo directory
2025	“Strings_Audio_Player.htm” from BeComm files
2026	“overview.htm” from BeComm files re: Strings Audio Player
2027	“usage.htm” from BeComm files re: Strings Audio Player
2028	Source code for audioplayerapp.rule from BeComm files re: test/demo2
2029	“DMPCaseStudy.doc” from BeComm files
2030	Strings Source Code CVS log excerpts for clocksync.c file
2031	Strings Source Code CVS log excerpts for audio.rule file re: tes/taudiosync
2032	Strings Source Code CVS log excerpts for makefile file for test/demo directory
2033	“ipaqperformance.html” from BeComm files
2034	Strings Source Code CVS log excerpts for audioplayerapp.rule file
2035	Strings Source Code CVS log excerpts for makefile for bdk/packages/videoclient/ directory
2036	Strings Source Code CVS log excerpts for videomulti.rule in the videoserver package
2037	“synchronization.doc” from BeComm files
2038	December 16, 2001 email chain re: synchro patent
2039	“BeComm Comcast RFI Response.doc” from BeComm files
2040	“Tatung Proposal Final.pdf” from BeComm files
2041	“Philips Proposal.pdf” from BeComm files
2042	“Philips Proposal.pdf” from BeComm files
2043	Source code for avidemux.c from BeComm files
2044	Source code for bmpdecoder.c from BeComm files
2045	Source code for bmptorgb.c from BeComm files
2046	Source code for fanout.c from BeComm files
2047	Source code for framer.c from BeComm files
2048	Source code for ipv4.c from BeComm files

Exhibit	Description
2049	Source code for rgbalterencoding.c from BeComm files
2050	Source code for rgbvideo.c from BeComm files
2051	Source code for speaker.c from BeComm files
2052	Source code for tcp.c from BeComm files on POSIX
2053	Source code for udp.c from BeComm files on POSIX
2054	Source code for tcp.c from BeComm files on Win32
2055	Source code for udp.c from BeComm files on Win32
2056	Source code for audio.rule from BeComm files re: test/audiosync
2057	Source code for timesync.rule from BeComm files re: test/audiosync
2058	Source code for video.rule from BeComm files re: test/audiosync
2059	Source code for video2.rule from BeComm files re: test/audiosync
2060	Source code for ipaqvideo.rule from BeComm files re: test/demo
2061	Source code for localaudio.rule from BeComm files re: test/demo
2062	Source code for localvideo.rule from BeComm files re: test/demo
2063	Source code for mp3serveraudio.rule from BeComm files re: test/demo
2064	Source code for network.rule from BeComm files re: test/demo
2065	Source code for pcmserveraudio.rule from BeComm files re: test/demo
2066	Source code for syncaudio.rule from BeComm files re: test/demo
2067	Source code for syncmp3.rule from BeComm files re: test/demo
2068	Source code for timesync.rule from BeComm files re: test/demo
2069	Source code for unsyncaudio.rule from BeComm files re: test/demo
2070	Source code for unsyncmp3.rule from BeComm files re: test/demo
2071	Source code for videoclient.rule from BeComm files re: test/demo
2072	Source code for videomulti.rule from BeComm files re: test/demo
2073	Source code for videoserver.rule from BeComm files re: test/demo
2074	Copy of source code for clocksync.rule from BeComm files re: test/demo2
2075	Copy of source code for syncaudio.rule from BeComm files re: test/demo2

<b>Exhibit</b>	<b>Description</b>
2076	Source code for mp3decoder.c from BeComm files
2077	Screen captures of metadata information for various exhibits
2078	Strings Source Code CVS log excerpts for synchronization.doc file.
2079	LinkedIn Profile of Angel Janevski, downloaded December 17, 2001.
2080	Declaration of Atif Hashmi, Ph.D and Appendix 1
2081	Dr. Hashmi '791 Patent Claim Chart
2082	Dr. Hashmi '252 Patent Claim Chart
2083	Source code for timesync.rule from BeComm files re: test/demo2
2084	Source code for audiosync.c from BeComm files
2085	Source code for fanout.c from BeComm files
2086	Source code for sampleclock.c from BeComm files
2087	Source code for clocksync.c from BeComm files
2088	Source code for sampleclock.c from BeComm files
2089	2018 Annual Report of Sonos, Inc.
2090	Notice of Intent to Issue Subpoena to Larry Peterson
2091	Declaration of Edward Balassanian
2092	Excerpts of May 30, 2012 Deposition Transcript of Edward Balassanian
2093	Excerpts of March 11, 2019 Deposition Transcript (Rough) of Larry Peterson
2094	April 9, 2019 Deposition Transcript of Dr. Roman Chertov
2095	Patent Owner Demonstratives
2096	January 25, 2023 Conference Call Transcript

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.