504304157 04/03/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4350838

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIELS VAN ERVEN	02/10/2015
RICHARD LITTLE	02/09/2015
MATTHEW NELSON	02/09/2015

RECEIVING PARTY DATA

Name:	SONOS, INC.
Street Address:	614 CHAPALA STREET
City:	SANTA BARBARA
State/Country:	CALIFORNIA
Postal Code:	93101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15341214

CORRESPONDENCE DATA

Fax Number: (312)754-9603

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3127549602

Email: salgado@ls3ip.com

LEE SULLIVAN SHEA & SMITH LLP **Correspondent Name:** Address Line 1: 224 N DESPLAINES, SUITE 250

Address Line 2: NEILESH R. PATEL

Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	14-0308-CON1016
NAME OF SUBMITTER:	NEILESH R PATEL
SIGNATURE:	/Neilesh R. Patel/
DATE SIGNED:	04/03/2017

Total Attachments: 4

source=14-0308_Executed_Assignment#page1.tif source=14-0308_Executed_Assignment#page2.tif source=14-0308 Executed Assignment#page3.tif

> **PATENT REEL: 041835 FRAME: 0639** 504304157

 $source = 14\text{-}0308_Executed_Assignment\#page4.tif$

PATENT REEL: 041835 FRAME: 0640

ASSIGNMENT

Serial No: 14/338,069 Filed: 07-22-2014

Title: Playback Using Positioning Information

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned assignor(s) hereby assign to Sonos, Inc., a corporation in the State of Delaware, having a principal place of business at 223 East De La Guerra Street, Santa Barbara, CA 93101, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States (which may be a Patent Cooperation Treaty international application designating the United States) and in said application and any and all other applications, United States, international and/or foreign, which the undersigned assignor(s) or the Assignee may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and/or foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof. This assignment includes all rights associated with said application including, without limitation, all patent right(s) in any and all countries and all right(s) to claim priority to and/or from said application in any and all countries. No rights whatsoever are reserved to the undersigned assignor(s) but instead all rights are hereby transferred to the Assignee.

The undersigned assignor(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned assignor(s) hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of any such application(s) when officially known.

The undersigned assignor(s) warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned assignor(s) hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all international, divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and

for said consideration the undersigned assignor(s) further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned assignor(s) with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned assignor(s) hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

* A	× 1	
Assignor		è
TROUBLETTON		r

WITNESS my hand this	day of ,	
	Nick can securify th 10, 2010)	
	Niels van Erven	

* * * * *

Assignor(s)		
WITNESS my hand this	day of,	.s.
	Richard Warren Little	
	Richard Little	
	* * * *	

Assignor(s)		
WITNESS my hand this	day of	
	Halthew Lekon	
	Matthew Nelson	
	* * * * *	

Page 4 of 4