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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
KEITH CORBIN			10/08/2014	
ABHISHEK KUMAR			10/27/2014	
RON KUPER			10/08/2014	
GREGORY PAUL RAM	SPERGE	R	10/08/2014	
ANDREJ SARKIC			10/08/2014	
RECEIVING PARTY DA	ΤΔ			
Name:		SONOS, INC.		
Street Address:	223 EAST DE LA GUERRA STREET			
City:	SANTA	SANTA BARBARA		
-	CALIFORNIA			
State/Country:				
Postal Code:	93101			
State/Country: Postal Code: PROPERTY NUMBERS Property Type	93101			
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Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	93101 Total: 1 DATA	Number 14495633 (312)913-0002 o the e-mail address first; if that is unsucc d; if that is unsuccessful, it will be sent via 312-913-0001 docketing@mbhb.com MCDONNELL BOEHNEN HULBERT & BER 300 S. WACKER DRIVE CHICAGO, ILLINOIS 60606	a US Mail.	
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	93101 Total: 1 DATA	Number 14495633 (312)913-0002 o the e-mail address first; if that is unsucc d; if that is unsuccessful, it will be sent via 312-913-0001 docketing@mbhb.com MCDONNELL BOEHNEN HULBERT & BER 300 S. WACKER DRIVE CHICAGO, ILLINOIS 60606 14-0905 (MBHB 14-1614)	a US Mail.	

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> PATENT REEL: 034100 FRAME: 0987

ASSIGNMENT

Serial No: 14/495,633

Filed: 24 September 2014

Title: Playback Updates

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Sonos, Inc., a corporation of 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, and in said application and any and all other applications, both United States and foreign, which the undersigned 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 foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

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

The undersigned 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 said application when officially known.

The undersigned warrants himself 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 hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all 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 assignce, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned 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 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 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.

PATENT REEL: 034100 FRAME: 0988

Attorney Docket No. 14-0905 (MBHB 14-1614)

Inventor 1:	
WITNESS my hand this <u>8th</u> day of (<u>Delabe</u> , 2014,
Acua Corom	
Witnessed by: Leaving V. Rypon	Date: October 8.H. 2014
MAPINA RYSIN	
Printed Name of Witness	
Witnessed by:	Date: 10/05/2014
Nu Bannerman Printed Name of Witness	
Inventor 2:	
<u>11176711171 4.</u>	
WITNESS my hand this 27 day of C	<u>2014.</u>
Mar .	
Abhistick Kumar	
Witnessed.by:	Date: 27 Oct 2014
Printed Name of Witness	
Witnessed by:	Date: 27 Oct 2014
R.A. LAMBOUENE	
Printed Name of Witness	

PATENT REEL: 034100 FRAME: 0989

Inventor 3:
WITNESS my hand this day of day of 2014.
An Kn
Ron Kuper
Witnessed by: $Date: 10/8/2014$
Seth Collistein
Printed Name of Witness
Witnessed by: 0 10/08/2014
Nii Bannerman
Printed Name of Witness
Inventor 4:
Inventor 4:
Inventor 4: WITNESS my hand this day of, 2014.
WITNESS my hand this day of, 2014.
WITNESS my hand this day of, 2014.
WITNESS my hand this day of <u>October</u> , 2014. Gregory Paul Ramsperger Witnessed by: <u>Date: 10/8/2014</u>
WITNESS my hand this day of <u>actobe</u> , 2014. Gregory Paul Ramsperger Witnessed by: <u>Date: 10/8/2014</u> Seth Coldstein
WITNESS my hand this day of <u>October</u> , 2014. Gregory Paul Ramsperger Witnessed by: <u>Date: 10/8/2014</u>
WITNESS my hand this day of <u>October</u> , 2014. Gregory Paul Ramsperger Witnessed by: <u>Date: 10/8/2014</u> Seth Cold stein Printed Name of Witness
WITNESS my hand this day of <u>Aleber</u> , 2014. Gregory Paul Ramsperger Witnessed by: <u>Date: 10/8/2014</u> Seth Cold stein Printed Name of Witness
WITNESS my hand this day of <u>actobe</u> , 2014. Gregony Paul Ramsperger Witnessed by: <u>Date: 10/8/2014</u> Seth Cold stein Printed Name of Witness Witnessed by: <u>Date: 10/08/2014</u>

PATENT REEL: 034100 FRAME: 0990

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Attorney Docket No. 14-0905 (MBHB 14-1614)

Inventor 5:
WITNESS my hand this day of, 2014.
Amon
Andrej Sarkic
Witnessed by: Date: 8/10 20/14
EMILIO ARCE
Printed Name of Witness
m A thus A - Black In M

Witnessed by: Jun // // Lee Keyser Alleh Printed Name of Witness

Date: 8/06+1 2014

Page 4 of 4

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