503404743 07/23/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3451377

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	ATA			
		Name	Execution Date	
NICHOLAS A.J. MILLING	GTON	C	07/25/2005	
PAUL V. HAINSWORTH		C	07/25/2005	
RECEIVING PARTY DA	тл			
Name:	SONOS, IN	C.		
Street Address:	614 CHAPALA ST			
City:	SANTA BAI	SANTA BARBARA		
State/Country:	CALIFORNIA			
Postal Code:	93101			
PROPERTY NUMBERS	Total: 1			
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		Number 03953		
Property Type Application Number:	1480			
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07/23/2015

Total Attachments: 1

DATE SIGNED:

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ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

Establishing a secure wireless network with minimum human intervention

(Docket No. RIN-010), (check one)

☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
X which bears U.S. application No. <u>11/147.116</u>. (Not accompanying)

Which bears U.S. application No. <u>11/147.116</u>. (Not accompanying)
 Which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

1) Sell, assign and transfer to Sonos, Inc., a corporation of the State of Delaware having a principal place of business at 506 Chapala Street, Santa Barbara, CA 93101 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature:

1. Inventor Signature:	Milula Mullita	_ Date:	725 05
	Nicholas A. J. Millington		
2. Inventor Signature:	/taul Hammith	Date:	7/25/05
	Paul V. Hainsworth		

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PATENT REEL: 036161 FRAME: 0923

RECORDED: 07/23/2015