504698140 12/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4744862

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
JOSHUA KEVIN DRYDEN		06/20/2016
JULIE E. TIERNEY		07/19/2016
NATHAN DAVID SCHAAL		06/20/2016
ADAM A. CARR		06/20/2016
MITCHELL JOSEPH SILVA		06/20/2016
SEBASTIAN GARCIA		06/27/2016
JOEL H. MILLER		06/27/2016

GUSTAVO FONTANA

STEPHEN D. BOYLE

RECEIVING PARTY DATA

Name:	Bose Corporation	
Street Address:	The Mountain, MS 3B1	
City:	Framingham	
State/Country:	MASSACHUSETTS	
Postal Code:	01701	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29630347

CORRESPONDENCE DATA

Fax Number:	(508)766-6971		
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:	508-766-6016		
Email:	docket@bose.com		
Correspondent Name:	BOSE CORPORATION		
Address Line 1:	THE MOUNTAIN, MS 3B1		
Address Line 2:	IP LEGAL - PATENT SUPPORT		
Address Line 4: FRAMINGHAM, MASSACHUSETTS 01701			
ATTORNEY DOCKET NUMBER: HP-16-030-US2		HP-16-030-US2	
NAME OF SUBMITTER: GENEVIEVE MERRY			

504698140

PATENT REEL: 044452 FRAME: 0693

06/20/2016

06/27/2016

SIGNATURE:	/Genevieve Merry/	
DATE SIGNED:	12/20/2017	
Total Attachments: 8		
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ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is acknowledged, we, the below named inventors, (hereinafter referred to as Assignors), hereby assign to Bose Corporation, a corporation of Delaware, having a place of business at The Mountain, Framingham, MA 01701-9168, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are described in or the subject of an application for United States Patent signed by Assignors entitled:

Headphones

which is identified by Bose Corporation Docket No. HP-16-030-US for which Assignors filed an application of United States Letters Patent on April 1, 2016 assigned Application Serial No. 29559968 (hereinafter the "Application").

This assignment includes: (i) the Application; (ii) continuation, divisional and other United States applications which claim priority to the Application; (iii) all foreign and international applications which claim priority to the Application; (iv) any and all United States and foreign patents, utility models, inventors' certificates, and design registrations granted for any of the inventions or improvements disclosed in or the subject of the Application, and (v) the right to claim priority based on the filing date of the Application under the United States Code, the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other statutes or treaties of like purposes.

Assignors authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, inventors' certificates and like rights of exclusion for any inventions or improvements which are disclosed in or the subject of the Application. Assignors agree for themselves and their respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignors covenant that they have the full right to convey the interests assigned by this

Assignment, and that they have not executed and will not execute any agreement in conflict with this Assignment. Assignors further agree that they will, without further consideration: (i) promptly disclose to Assignee's patent attorney any prior art known to Assignors during the pendency of the Application or other US or foreign related applications; (ii) testify in any legal or administrative proceeding and participate in any examiner interview relating to the inventions or improvements described in or subject of the Application; and (iii) provide reasonable assistance to the Assignee to obtain and enforce proper patent protection for the inventions and improvements described in or subject of the Application.

This assignment and all disputes under this assignment shall be governed by the laws of the Commonwealth of Massachusetts. Any and all claims, lawsuits, or disputes of any kind between Assignors and Assignee shall be resolved in federal or state courts in the Commonwealth of Massachusetts.

In testimony whereof, we have hereunto set our hands.

In witness whereof, I hereto set my hand and seal Joshua Kevin Dryden Certificate of Nétarization: Commonwealth of Massachusetts, County: Maddleser Date: June 20, 206 On this date, before me, the undersigned notary public, personally appeared Joshua Kevin Dryden, proved to me through satisfactory evidence of identity, which was/were whose name was signed above, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief, and that he/she signed it voluntarily for its stated purpose. KIMBERLY ANN MCGRATH NOTOTY PUBLIC COMMONWEAUTHOF MASSACHUBTI My Conformation (Massachubri) January 25, 2019 (signation of notary) My commission expires n witness where of, I hereto set my hand and seal Julie E. Tierney Certificate of Notarization: Commonwealth of Massachusetts, County: Millesev Date: <u>July 19, 10, 10, 10</u> On this date, before me, the undersigned notary public, personally appeared Julie E. Tierney, proved to me through satisfactory evidence of identity, which was/were whose name was signed above, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief, and hat he/she signed it voluntarily for its stated purpose KIMBERLY ANN MCGRATH Notary Public COMMONWEAUH OF MASSACHUSETTS (signature ø/notary) My Commission Expires My commission expires _____1/25/19 JINHER AN ANARY

Docket No.: HP-16-030-US Page 4 of 8

In witness whereof, I hereto set my hand and seal
Children Colastino
Nathan David Schaal (date)
<u>Certificate of Notarization:</u> Commonwealth of Massachusetts, County: <u>Madesex</u> Date: <u>She 20, 20/6</u> On this date, before me, the undersigned notary public, personally appeared Nathan David Schaal , proved to me through satisfactory evidence of identity, which was/were
Unown to me, to be the person
whose name was signed above, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and
belief, and that be/she signed it voluntarily for its stated purpose.
- HAY & MAL
(signature of hotary) My commission expires //25/19
My commission expires 1/25/19
∬In witness whereof, I hereto set my hand and seal
6/20/16
Adam A. Carr (date)
Certificate of Notarization: Commonwealth of Massachusetts, County: $M: J/cse \checkmark$ Date: $Jone > 0$ 2016 On this date, before me, the undersigned notary public, personally appeared Adam A. Carr, proved to me through satisfactory evidence of identity, which was/were
whose name was signed above, and who swore or affirmed to me that the contents
of the document are truthful and accurate to the best of his/her knowledge and belief, and the her signed it voluntarily for its stated purpose.
(signature of polary)
(signature of polary) My commission expires

In withese whereof, I hereto set my hand and seal		
6.20.2016		
Mitchell/Joseph Silva (date)		
Certificate of Notarization:		
Commonwealth of Méssachusetts,		
County: Middledes		
Date: June 20, 2016		
On this date, before me, the undersigned notary public, personally appeared		
Mitchell Joseph Silva, proved to me through satisfactory evidence of		
identity, which was/were		
, to be the person		
whose name was signed above, and who swore or affirmed to me that the contents		
of the document are truthful and accurate to the best of his/her knowledge and		
belief, and that he/she signed it voluntarily for its stated purpose.		
(signature of notary)		
(signature of notary)		
(signature of notary) My commission expires //25//9		
In witness whereof, I hereto set my hand and seal		
$\frac{6/27/16}{\text{Sebastian Garcia}}$		
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Sebástián Garcia (dáte)		
Certificate of Notarization		
Commonwealth of Massachusetts,		
County: Middlese ×		
Date: June 27, 2016		
On this date, before me, the undersigned notary public, personally appeared		
Sebastian Garcia, proved to me through satisfactory evidence of		
identity, which was/were		
Known to me to be the person		
s samina na n		
whose name was signed above, and who swore or affirmed to me that the contents		
of the document are truthful and accurate to the best of his/her knowledge and ballof, and that balance it valuatorily for its stated surgers		
belief, and that he/she signed it voluntarily for its stated purpose		
KIMBERLY ANN MCGRATH		
(signative of votany)		
KIMBERLY ANN MCGRATH		

Docket No.: HP-16-030-US Page 6 of 8

		ξ.
In witness whereof, I hereto	set my hand and seal	
la l	6 27 16 (date)	
Joe H. Miller	$\frac{\partial f \partial f}{\partial da(e)}$	
	Net and the second s	
Certificate of Notarization:		
Commonwealth of Massachusetts,		
County: Middlesev		
Date: <u>Jone 17</u> , 2016 On this date, before me, the undersigned notary	v nublic personally appeared	
Joel H. Miller, proved to me through satisfactor		
identity, which was/were		
8 a. 8 a.		
Vnown to me	, to be the person	
whose name was signed above, and who swore of the document are truthful and accurate to the		
belief, and that he/she signed it voluntarily for its		
(signature of potary)	KIMBERLY ANN MCGRATH	
My commission expires //عد/۱۹	Commonwealthor Massicking	
	lanuary 25, 2019	
In witness whereof, I hereto	set my hand and seal	
In witness whereof, I hereto		
In witness whereof, I hereto Gustavo Fontana		
<u>Ca</u>	set my hand and seal 	
Gustavo Fontana Certificate of Notarization:		
Gustavo Fontana Certificate of Notarization: Commonwealth of Massachusetts,		
Gustavo Fontana Certificate of Notarization: Commonwealth of Massachusetts, County:		
Certificate of Notarization: Commonwealth of Massachusetts, County: Middles and Date: Thore AC 2016	06/20/16 (date)	
Gustavo Fontana Certificate of Notarization: Commonwealth of Massachusetts, County:	06/20/16 (date) y public, personally appeared	
Certificate of Notarization: Commonwealth of Massachusetts, County: M.J.J.J.e. Date: June 20, 2016 On this date, before me, the undersigned notary	06/20/16 (date) y public, personally appeared	
Gustavo Fontana <u>Certificate of Notarization:</u> Commonwealth of Massachusetts, County: Middlesey Date: Jone 20, 2016 On this date, before me, the undersigned notary Gustavo Fontana, proved to me through satisfa identity, which was/were	06/20/16 (date) y public, personally appeared actory evidence of	
Certificate of Notarization: Commonwealth of Massachusetts, County: Middlesed Date: Jone 20 2016 On this date, before me? the undersigned notary Gustavo Fontana, proved to me through satisfa identity, which was/were	OG/20/16 (date) y public, personally appeared actory evidence of	
Certificate of Notarization: Commonwealth of Massachusetts, County: M.J. (24 M) Date: Jone 20, 2016 On this date, before me, the undersigned notary Gustavo Fontana, proved to me through satisfa identity, which was/were Linoun for Me, whose name was signed above, and who swore	06/20/16 (date) y public, personally appeared actory evidence of , to be the person e or affirmed to me that the contents	
Certificate of Notarization: Commonwealth of Massachusetts, County: Mailes Date: Tone Tone 20, 20, 16 On this date, before me, the undersigned notary Gustavo Fontana, proved to me through satisfa identity, which was/were Mound for Me whose name was signed above, and who swore of the document are truthful and accurate to the	06/20/16 (date) y public, personally appeared actory evidence of to be the person or affirmed to me that the contents best of his/her knowledge and	
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Certificate of Notarization: Commonwealth of Massachusetts, County: Massachusetts, Date: Tone 20, 2016 On this date, before me, the undersigned notary Gustavo Fontana, proved to me through satisfa identity, which was/were Mound for Me whose name was signed above, and who swore of the document are truthful and accurate to the belief, and that he/she signed it voluntarily for its	Commission Exploses	
Certificate of Notarization: Commonwealth of Massachusetts, County: M.J. Hegen Date: Jone 20 2016 On this date, before me?the undersigned notary Gustavo Fontana, proved to me through satisfa identity, which was/were Mound for Me whose name was signed above, and who swore of the document are truthful and accurate to the	06/20/16 (date) y public, personally appeared actory evidence of to be the person e or affirmed to me that the contents best of his/her knowledge and s stated purpose kimberity ann MCGRATH Notory Public	

In witness whereof, I her	eto set my hand and seal
ASPRA	<u> </u>
Stephen D. Boyle	(date)
Certificate of Notarization:	
Commonwealth of Massachusetts,	
County: Middlesory	
Date: June 27, 2014	
On this date, before me, the undersigned no	
Stephen D. Boyle, proved to me through sa	itisfactory evidence of
identity, which was/were	
Known to me	, to be the person
whose name was signed above, and who sv	
of the document are truthful and accurate to	and the second
belief, and that he/she signed it voluntarily fo	or its stated purpose.
Linda ha Chill	😥 KIMBERLY ANN MCGPATH
(signature of/notary)	COMMONWEAUTH OF MASSACHUSETTS
My commission expires 1/25/14	(Steat State State State
	20000000000000000000000000000000000000

Assignee Acceptance

Bose Corporation, the Assignee, hereby acknowledges and accepts the foregoing assignment.

Signature: ______ Name: Stephen L Romine Title: Chief Intellectual Property Counsel

Date: 7/21/2016

RECORDED: 12/20/2017