PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4313406

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
CRISTIAN M. HERA	02/03/2017		
JEFFERY R. VAUTIN	03/06/2017		
ELIE BOU DAHER	02/03/2017		
PARASKEVAS ARGYROPOULOS	02/03/2017		
VIGNEISH KATHAVARAYAN	02/03/2017		

RECEIVING PARTY DATA

Name:	BOSE CORPORATION
Street Address:	THE MOUNTAIN
City:	FRAMINGHAM
State/Country:	MASSACHUSETTS
Postal Code:	01701-9168

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15431029

CORRESPONDENCE DATA

Fax Number: (617)395-7070

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: (617) 395-7073

Email: SRVPatents@LALaw.com

Correspondent Name: LANDO & ANASTASI, LLP

Address Line 1: RIVERFRONT OFFICE PARK

Address Line 2: ONE MAIN STREET, SUITE 1100

Address Line 4: CAMBRIDGE, MASSACHUSETTS 02142

NAME OF SUBMITTER:SHAUN R. VAVRASIGNATURE:/Shaun R. Vavra/	ATTORNEY DOCKET NUMBER:	B2108-702919_AS-16-127-US
SIGNATURE: /Shaun R. Vavra/	NAME OF SUBMITTER:	SHAUN R. VAVRA
	SIGNATURE:	/Shaun R. Vavra/
DATE SIGNED: 03/10/2017	DATE SIGNED:	03/10/2017

Total Attachments: 6



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<u>ASSIGNMENT</u>

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:

AUDIO SYSTEMS AND METHOD FOR PERTURBING SIGNAL COMPENSATION

which is identified by Bose Corporation Docket No. **AS-16-127-US** for which Assignors are filing an application of United States Letters Patent herewith (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

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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.

Docket No.: AS-16-127-US Page 3 of 6

In witness whereof, I hereto set my I	· · · · · · · · · · · · · · · · · · ·
Cristian M. Hera (dat	2/03/2017
Cristian M. Hera (dat	e)
<u>Certificate of Notarization:</u> Commonwealth of Massachusetts,	
County: Middlescx Date: February 3, 2017	
On this date, before me, the undersigned notary public	, personally appeared
Cristian M. Hera, proved to me through satisfactory ev	idence of
identity, which was/were	grafi 17.
mass Driver's License , to be	the nerson
whose name was signed above, and who swore or affir	med 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) My commission expires (2/12/3/31)	(anal of mateur)
My commission expires 3/12/0021	(seal of notary)
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In witness whereof, I hereto set my h	and and seal
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In witness whereof, I hereto set my h	
Jeffery R. Vautin (dated) Certificate of Notarization:	
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Jeffery R. Vautin (dat Certificate of Notarization: Commonwealth of Massachusetts, County: 410 dd lowy	8
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Jeffery R. Vautin Certificate of Notarization: Commonwealth of Massachusetts, County: 4044444 Date: 3/4/17 On this date, before me, the undersigned notary public, Jeffery R. Vautin, proved to me through satisfactory evidentity, which was/were	Personally appeared idence of
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Jeffery R. Vautin Certificate of Notarization: Commonwealth of Massachusetts, County: Date: Julia On this date, before me, the undersigned notary public, Jeffery R. Vautin, proved to me through satisfactory ev identity, which was/were Jewanual Janual Janual in to be whose name was signed above, and who swore or affirm of the document are truthful and accurate to the best of belief, and that he/she signed it voluntarily for its stated	Personally appeared idence of the person that the contents his/her knowledge and
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Page 4 of 6

In witness whereof, I hereto set my hand and seal
e by
O2(03/2の)子 Elie Bou Daher (date)
Elie Bou Daher (date)
Certificate of Notarization:
Commonwealth of Massachusetts,
County: Middlesex
Date: <u>Foraary 3, 20ന</u> On this date, before me, the undersigned notary public, personally appeared
Elie Bou Daher, proved to me through satisfactory evidence of
identity, which was/were
Mass Drivers License, 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.
Jenne B Surdice
(signature of notary)
My commission expires (3/12/2/2) (seal of notary)
In witness whoreof I hereto set my hand and seal
In witness whereof, I hereto set my hand and seal
1
Arythpad 02/03/2017 Paraskevas Argyropoulos (date)
Páraskevas Árgyropoulos (date) Certificate of Notarization:
Páraskevas Argyropoulos (date) Certificate of Notarization: Commonwealth of Massachusetts,
Paraskevas Argyropoulos (date) Certificate of Notarization: Commonwealth of Massachusetts, County: middlesex
Paraskevas Argyropoulos (date) Certificate of Notarization: Commonwealth of Massachusetts, County: middlescx Date: February 3 2017
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Paraskevas Argyropoulos (date) Certificate of Notarization: Commonwealth of Massachusetts, County: middlesex Date: Foruary 3 2017 On this date, before me, the undersigned notary public, personally appeared Paraskevas Argyropoulos, proved to me through satisfactory evidence of identity, which was/were Mass Drivers License , to be the person whose name was signed above, and who swore or affirmed to me that the contents
Paraskevas Argyropoulos (date) Certificate of Notarization: Commonwealth of Massachusetts, County: m; dksx Date: Fbruary 3 2017 On this date, before me, the undersigned notary public, personally appeared Paraskevas Argyropoulos, proved to me through satisfactory evidence of identity, which was/were Mass Drivers License , 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
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Page 5 of 6

In witness whereof, I her	eto set my hand and seal
Vagreich K	02-03-2017
Vigneish Kathavarayan	(date)
Certificate of Notarization:	
Commonwealth of Massachusetts,	
County: Middlescx	
Date: Tebruary 3, 2017	
On this date, before me, the undersigned no	otary public, personally appeared
Vigneish Kathavarayan, proved to me thro	
identity, which was/were	
Mass Drivers License	, to be the person
whose name was signed above, and who sy	vore or affirmed to me that the contents
of the document are truthful and accurate to	
 belief and that he/she signed it voluntarily for 	or its stated purpose.
Hollow Storbut	
(signature, of notary)	
My commission expires 3/22/242/	(seal of notary)

Date: 3/6/2017

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Assignee Acceptance

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

Signature:

Name: Stephen L. Romine

Title: Chief Intellectual Property Counsel

PATENT

REEL: 041538 FRAME: 0525

RECORDED: 03/10/2017