505159129 10/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5205896

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BEN J. FENG	09/12/2018
TAKASHI KINOSHITA	09/26/2018

RECEIVING PARTY DATA

Name:	Bose Corporation
Street Address:	The Mountain
City:	Framingham
State/Country:	Massachusetts
Postal Code:	01701

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16117080

CORRESPONDENCE DATA

Fax Number: (518)449-0047

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: 518-449-0044

Email: ptocommunications@hoffmanwarnick.com,

sadonnino@hoffmanwarnick.com

Correspondent Name: HOFFMAN WARNICK LLC

Address Line 1: 540 BROADWAY Address Line 2: 4TH FLOOR

Address Line 4: ALBANY, NEW YORK 12207

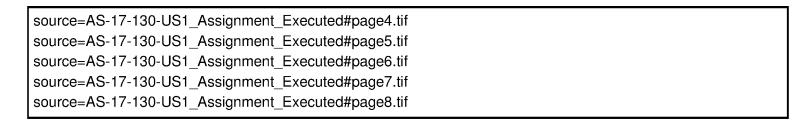
ATTORNEY DOCKET NUMBER:	AS-17-130-US1	
NAME OF SUBMITTER:	MATTHEW B. PINCKNEY	
SIGNATURE:	/Matthew B. Pinckney/	
DATE SIGNED:	10/25/2018	

Total Attachments: 8

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> **PATENT** REEL: 047310 FRAME: 0821

505159129



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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:

Externally Ducted Vehicle Loudspeaker

which is identified by Bose Corporation Docket No. **AS-17-130-US1** for which Assignors filed an application of United States Letters Patent on **August 30, 2018** assigned Application Serial No. **16/117,080** (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 himself or herself 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 he or she have the full right to convey the interests assigned

Page 2 of 4

by this Assignment, and that he or she have not executed and will not execute any agreement in conflict with this Assignment. Assignors further agree that he or she 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.

Page 3 of 4

In witness whereof, I hereto	
Ben J. Feng	Sept 12, 2018 (date)
Certificate of Notarization: Commonwealth of Massachusetts, County: MiddleSek Date: Scotember 12, 20, 8 On this date, before me, the undersigned notar Ben J. Feng, proved to me through satisfactory identity, which was were	
Mass Drivers Lizense whose name was signed above, and who sword of the document are truthful and accurate to the belief, and that he/she signed it voluntarily for it for the document are truthful and accurate to the belief, and that he/she signed it voluntarily for it (signature of notary) My commission expires March 12, 2021	e or affirmed to me that the contents best of his/her knowledge and
miles of Alasta	(000, 0, 7,0,0,0,7,7
In witness whereof, I hereto	set my hand and seal
Takashi Kinoshita	(date)
In the presence of:	
Witness' Signature Name: Address:	
Witness' Signature Name: Address:	

Page 4 of 4

Assignee Acceptance

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

Signature:

Name: David L, Schuler

Title: Chief/Intellectual Property Counsel

Date: <u>| 10*|*9/</u>

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Page 1 of 4

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:

Externally Ducted Vehicle Loudspeaker

which is identified by Bose Corporation Docket No. **AS-17-130-US1** for which Assignors filed an application of United States Letters Patent on **August 30, 2018** assigned Application Serial No. **16/117,080** (hereinafter the "Application").

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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 himself or herself 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 he or she have the full right to convey the interests assigned

Page 2 of 4

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In testimony whereof, we have hereunto set our hands.

Docket No.: AS-17-130-US1 Page 3 of 4

In witness whereof, I hereto s	et my nanu and sear
Ben J. Feng	(date)
Certificate of Notarization:	
Commonwealth of Massachusetts,	
County:	
Date: On this date, before me, the undersigned notary	public, personally appeared
Ben J. Feng, proved to me through satisfactory 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 belief, and that he/she signed it voluntarily for its	
Dollot, and that house orginal is relatively to the	outed parpooe.
(signature of notary)	
My commission expires	(seal of notary)
	- 100 - 100
In witness whereof, I hereto s	set my hand and seal
In witness whereof, I hereto s Jahashi Kineshi ba	set my hand and seal 9/26/20/8
In witness whereof, I hereto s Jahashi Kinoshi 6a Takashi Kinoshita	set my hand and seal 9/26/20/8 (date)
In witness whereof, I hereto s Jahashi Kinoshita In the presence of:	set my hand and seal 9/26/20/8 (date)
Jahashi Kinoshita	set my hand and seal 9/26/20/8 (date)
Takashi Kinoshita In the presence of: Witness' Signature	set my hand and seal 9/26/20/8 (date)
Takashi Kinoshita In the presence of: Witness' Signature Name: YULL YAMASHITA	9/26/2018 (date)
Takashi Kinoshita In the presence of: Witness' Signature	9/26/2018 (date)
Takashi Kinoshita In the presence of: Witness' Signature Name: YUJI YAMASHITA Address: 3-4-14 SHOAN SUGIN	9/26/20/8 (date)
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Jahashi Kinoshita In the presence of: Witness' Signature Name: YAMASHITA	9/26/2018 (date)
Takashi Kinoshita In the presence of: Witness' Signature Name: YUJI YAMASHITA Address: 3-4-14 SHOAN SUGIN	9/26/20/8 (date)
Takashi Kinoshita In the presence of: Witness' Signature Name: YULL YAMASHITA	9/26/20/8 (date)

Page 4 of 4

Assignee Acceptance

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

Signature:

Name: David L. Schuler

Title: Chief/Intellectual Property Counsel

COMMONWEALTH PHONTS

SOUTH SERVINGERS

MY CONTROSSER EXPIRE

MARCE 12 2021

PATENT REEL: 047310 FRAME: 0830

RECORDED: 10/25/2018