505406821 04/02/2019 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	

Name	Execution Date
ROBERT A. WARDEN	07/27/2017
PAUL F. FIDLIN	07/18/2017
AKIRA MOCHIMARU	08/14/2017
CRAIG JACKSON	08/10/2017
RICHARD CARBONE	07/18/2017
GREG J. ZASTOUPIL	07/18/2017
KEVIN BROUSSEAU	07/18/2017
GREGOR MITTERSINKER	07/26/2017

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:	16373000

CORRESPONDENCE DATA

Fax Number:	(508)303-0005	
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:	5083032003	
Email:	lguerin@iplawusa.com	
Correspondent Name:	SCHMEISER OLSEN & WATTS LLP	
Address Line 1:	33 BOSTON POST ROAD WEST	
Address Line 2:	SUITE 410	
Address Line 4:	MARLBOROUGH, MASSACHUSETTS 01752	
ATTORNEY DOCKET NUMBER: BOS-057C1 (PR-17-074-US1)		
NAME OF SUBMITTER:	TIMOTHY P. COLLINS	
SIGNATURE:	/Timothy P. Collins/	

DATE SIGNED:	04/02/2019		
Fotal Attachments: 13			
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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:

PORTABLE SPEAKER CONFIGURATIONS

which is identified by Bose Corporation Docket No. **PR-17-074-US** for which Assignors filed an application of United States Letters Patent on **June 27, 2017** assigned Application Serial No. **15/634,081** (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 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.

	to set my hand and seal
	7-127-117-
Robert A. Warden	(date)
Certificate of Notarization: Commonwealth of Massachusetts, County: <u>MiddleScov</u> Date: <u>July 27</u> 2017 On this date, before me, the undersigned not Robert A. Warden , proved to me through sa identity, which was/were	tary public, personally appeared
<u>Wn8wn to me</u> whose name was signed above, and who sw of the document are truthful and accurate to belief, and that he/she signed it voluntarily fo (signature of notary) My commission expires //25/19	the best of his/her knowledge and
5	
In witness whereof, I herei	to set my hand and seal
Paul F. Fidlin	JULY 1877 2017
	(date)
Certificate of Notarization: Commonwealth of Massachusetts, County: Mcddlese ≠ Date: Joly 18, 2017 On this date, before me, the undersigned nota Paul F. Fidlin, proved to me through satisfact identity, which was/were	(<i>date)</i>

In witness whereof, I hereto set my hand and seal Akira Mochimaru Certificate of Notarization: Commonwealth of Massachusetts, County: Middle gy Date: August 14,2017 On this date, before me, the undersigned notary public, personally appeared Akira Mochimaru, proved to me through satisfactory evidence of identity, which was/were , to be the person Known to me 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. A.S. KIMBERLY ANN MCGRATH Notory Public (signature of notary) 1125/19 My commission expires notany)ETTS In witness whereof, I hereto set my hand and seal Craig Jackson Certificate of Notarization: Commonwealth of Massachusetts, County: Middleser Date: Avarist 10,2017 On this date, before me, the undersigned notary public, personally appeared Craig Jackson, 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. (signature of notary) KIMBERLY ANN MCGRATH comolSearoryHalsery) My commission expires 1/25/19 Mr. Communion Frain January 25, 2019

Docket No.: BOS-057 (PR-17-074-US) Page 5 of 7

In witness whereof, I hereto s	et my hand and seal
Gregor Mittersinker	(date)
······································	
Certificate of Notarization:	
Commonwealth of Massachusetts, County:	
Date:	
On this date, before me, the undersigned notary p	public, personally appeared
Gregor Mittersinker, proved to me through satist	actory evidence of
identity, which was/were	
	to be the second
whose name was signed above, and who swore o	to be the person
of the document are truthful and accurate to the b	est of his/her knowledge and
belief, and that he/she signed it voluntarily for its s	itated purpose.
· · · · · · · · · · · · · · · · · · ·	
(signature of notary)	
My commission expires	(seal of notary)
th Witness Whereof, I hereto se	t my hand and soal
CARLY T	<u> Tlieln</u>
Richard Carbone	(datè)
Contificate of Nietoviewiewiew	
Certificate of Notarization: Commonwealth of Massachusetts.	
County: $M_{r}M_{esc}$	
Date: / S 7	
On this date, before me, the undersigned notary p	ublic, personally appeared
Kichard Carbone, proved to me through satisfact.	ory evidence of
identity, which was/were	
- Known to me	to be the many
whose name was signed above, and who swore of	to be the person
of the document are truthful and accurate to the be	est of his/her knowledge and
belief, and that he/she signed it voluntarily for its si	ated purpose.
Ochter Mit	and the second sec
(signature of notary)	KIMBERLY ANN MCGRAIH
My commission expires 1/25/19	NUT / COMMONWEAUHOFMASSACHUSETTS
······································	January 25, 2019

In witness whereof, I hereto set my hand and seal
<u>Zijs/2017</u> Grég J. Zestoupil (dale)
Certificate of Notarization: Commonwealth of Massachusetts, County: Middleser Date: Joly 15, 2017 On this date, before me, the undersigned notary public, personally appeared Greg J. Zastoupil, 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.
(signature of notary) My commission expires //25/15 My commission expires //25/15 My commission expires //25/15
In witness whereof, I hereto set my hand and seal
$\frac{92.6}{\text{Kevin Brousseau}} = \frac{1/18/17}{(date)}$
Kevin Brousseau (date)
Certificate of Notarization: Commonwealth of Massachusetts, County: <u>Maddeney</u> Date: <u>Jaly 19,2017</u> On this date, before me, the undersigned notary public, personally appeared Kevin Brousseau , 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 betshe signed it voluntarily for its stated purpose.
My commission expires //25/11
My Commission Expires Jonuary 25, 2019

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:

PORTABLE SPEAKER CONFIGURATIONS

which is identified by Bose Corporation Docket No. **PR-17-074-US** for which Assignors filed an application of United States Letters Patent on **June 27, 2017** assigned Application Serial No. **15/634,081** (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 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 heret	o set my hand and seal
Robert A. Warden	(date)
Certificate of Notarization: Commonwealth of Massachusetts, County:	
Date: On this date, before me, the undersigned nota Robert A. Warden , proved to me through sat identity, which was/were	ary public, personally appeared isfactory evidence of
	_ , to be the person
whose name was signed above, and who swo of the document are truthful and accurate to the belief, and that he/she signed it voluntarily for	he best of his/her knowledge and
(signature of notary)	á.
My commission expires	(seal of notary)
In witness whereof, I hereto Paul F. Fidlin	
a calat 5 . 8 slatess	(date)
Certificate of Notarization: Commonwealth of Massachusetts, County.	~
On this date, before me, the undersigned notar Paul F. Fidlin , proved to me through satisfactor	y public, personally appeared
identity, which was/were	
identity, which was/were	, to be the person
identity, which was/were whose name was signed above, and who swor of the document are truthful and accurate to the belief, and that he/she signed it voluntarily for it	, to be the person e or affirmed to me that the contents e best of his/her knowledge and
identity, which was/were whose name was signed above, and who swor of the document are truthful and accurate to the	, to be the person e or affirmed to me that the contents e best of his/her knowledge and

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In witness whereof, I	i nereto set my nano ano sear
Akira Mochimaru	(date)
Certificate of Notarization. Commonwealth of Massachusetts, County:	
Date: On this date, before me, the undersigned Akira Mochimaru, proved to me through identity, which was/were	d notary public, personally appeared h satisfactory evidence of
	, to be the person
whose name was signed above, and wh of the document are truthful and accurat belief, and that he/she signed it voluntar	o swore or affirmed to me that the contents e to the best of his/her knowledge and
(signature of notary)	
My commission expires	(seal of notary)
In witness whereof, I	hereto set my hand and seal
In witness whereof, I Craig Jackson Certificate of Notarization: Commonwealth of Massachusetts, County:	hereto set my hand and seal
In witness whereof, I Craig Jackson Certificate of Notarization: Commonwealth of Massachusetts, County; Date: On this date, before me, the undersigned Craig Jackson, proved to me through sa	hereto set my hand and seal (<i>date</i>)
In witness whereof, I Craig Jackson Certificate of Notarization: Commonwealth of Massachusetts, County; Date: On this date, before me, the undersigned Craig Jackson, proved to me through sa	hereto set my hand and seal (<i>date</i>) (<i>date</i>)
In witness whereof, I Craig Jackson Certificate of Notarization: Commonwealth of Massachusetts, County: Date: On this date, before me, the undersigned Craig Jackson, proved to me through sa dentity, which was/were whose name was signed above, and who of the document are truthful and accurate	hereto set my hand and seal (date) (date) f notary public, personally appeared atisfactory evidence of , to be the person o swore or affirmed to me that the contents to the best of his/her knowledge and
In witness whereof, I Craig Jackson Certificate of Notarization: Commonwealth of Massachusetts, County: Date: On this date, before me, the undersigned Craig Jackson, proved to me through sa identity, which was/were	hereto set my hand and seal (date) (date) f notary public, personally appeared atisfactory evidence of , to be the person o swore or affirmed to me that the contents to the best of his/her knowledge and

Docket No.:	BOS-057 (PR-17-074-US)
	Page 5 of 7

	Docket No.: BOS-057 (PR-17-074-US) Page 5 of 7
In witness whereof, I hereto	· · · · · · · · · · · · · · · · · · ·
	$\frac{7/26/17}{(date)}$
Gregor Mittersinker	(dətə)
Certificate of Notarization	
State of Rhode Island	
County: PRONIDENCE	
Date: 7/26//7	
On this date, before me, the undersigned notary	
Gregor Mittersinker, proved to me through sati	sfactory evidence of
identity, which was were	
FRANK RI DRIVER'S LICEN	JSE 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	stated purpose
Mank Mauron	
(signature of notary)	
My commission expires $7/27/19$	(seal of notary)

Richard Carbone	(date)
Certificate of Notarization:	
Commonwealth of Massachusetts,	
County: Date:	
	d notary public, personally appeared
identity, which was/were	n satisfactory evidence of
Richard Carbone, proved to me through identity, which was/were whose name was signed above, and whi of the document are truthful and accurate belief, and that he/she signed it voluntari	n satisfactory evidence of , to be the person o swore or affirmed to me that the contents e to the best of his/her knowledge and
identity, which was/were whose name was signed above, and who of the document are truthful and accurate	n satisfactory evidence of , to be the person o swore or affirmed to me that the contents e to the best of his/her knowledge and

Docket No.: BOS-057 (PR-17-074-US) Page 6 of 7

In witness whereof, I hereto set my hand and seal		
Greg J. Zastoupil	(date)	
Certificate of Notarization: Commonwealth of Massachusetts, County: Date: On this date, before me, the undersigned notar Greg J. Zastoupil , proved to me through satis		
identity, which was/were		
	, to be the person	
whose name was signed above, and who swor of the document are truthful and accurate to the belief, and that he/she signed it voluntarily for i	e or affirmed to me that the contents e best of his/her knowledge and	
(signature of notary)	-	
My commission expires	(seal of notary)	
In witness whereof, I hereto set my hand and seal		
Kevin Brousseau	(date)	
Certificate of Notarization: Commonwealth of Massachusetts, County: Date:	~	
On this date, before me, the undersigned notar Kevin Brousseau , proved to me through satisf 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)	~	
My commission expires	(seal of notary)	

Assignee Acceptance

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

 \mathcal{C} Signature: Name: Stephen Rachine Title: Chief Intellectual Property Counsel

Date 8725/2017

RECORDED: 04/02/2019