

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5126924

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Lifun Lin	08/07/2018
DANIEL K. LEE	07/20/2018
Stephen P. Darbin	07/12/2018
David E. Thomas	07/12/2018
Victor A. Noel	07/12/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Bose Corporation
<b>Street Address:</b>	The Mountain
<b>City:</b>	Framingham
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01701-9168
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16014983
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Phone:</b>	(617) 542-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	INDRANIL SARKAR
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	02103-1072001
<b>NAME OF SUBMITTER:</b>	RITA M. LISTON
<b>SIGNATURE:</b>	/Rita M. Liston/
<b>DATE SIGNED:</b>	09/06/2018
<b>Total Attachments: 6</b>	

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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:

### **DUAL ZONE DISCHARGE OF RECHARGEABLE BATTERIES**

which is identified by Bose Corporation Docket No. **WL-18-024-US** for which Assignors filed an application of United States Letters Patent on **June 21, 2018** assigned Application Serial No. **16014983** (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

[Signature]  
Lifun Lin

8/7/2018  
(date)

Certificate of Notarization:

Commonwealth of Massachusetts,

County: Middlesex

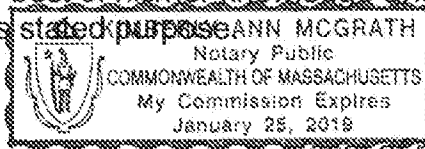
Date: August 7, 2018

On this date, before me, the undersigned notary public, personally appeared **Lifun Lin**, proved to me through satisfactory evidence of identity, which was/were

Known 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 he/she signed it voluntarily for its stated purpose

[Signature]  
(signature of notary)

My commission expires 1/25/19



(seal of notary)

In witness whereof, I hereto set my hand and seal

[Signature]  
Daniel K. Lee

7/20/2018  
(date)

Certificate of Notarization:

Commonwealth of Massachusetts,

County: Middlesex

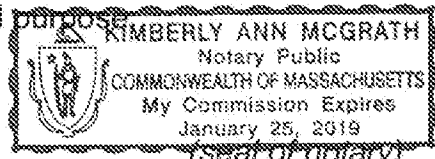
Date: July 20, 2018

On this date, before me, the undersigned notary public, personally appeared **Daniel K. Lee**, proved to me through satisfactory evidence of identity, which was/were

Known 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 he/she signed it voluntarily for its stated purpose

[Signature]  
(signature of notary)

My commission expires 1/25/19



(seal of notary)

In witness whereof, I hereto set my hand and seal

*[Handwritten Signature]*

Stephen P. Darbin

7/12/2018  
(date)

Certificate of Notarization:

Commonwealth of Massachusetts,

County: Middlesex

Date: July 12, 2018

On this date, before me, the undersigned notary public, personally appeared **Stephen P. Darbin**, proved to me through satisfactory evidence of identity, which was/were

known 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 he/she signed it voluntarily for its stated purpose.

*[Handwritten Signature]*  
(signature of notary)

My commission expires 1/23/19 (seal of notary)

In witness whereof, I hereto set my hand and seal

*[Handwritten Signature]*

David E. Thomas

July 12, 2018  
(date)

Certificate of Notarization:

Commonwealth of Massachusetts,

County: Middlesex

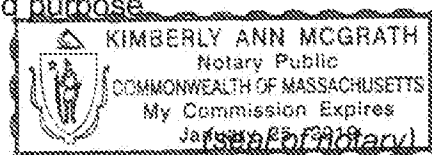
Date: July 12, 2018

On this date, before me, the undersigned notary public, personally appeared **David E. Thomas**, proved to me through satisfactory evidence of identity, which was/were

known 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 he/she signed it voluntarily for its stated purpose.

*[Handwritten Signature]*  
(signature of notary)

My commission expires 1/23/19



In witness whereof, I hereto set my hand and seal

*[Signature]*  
Victor A. Noel

7/12/2018  
(date)

Certificate of Notarization:

Commonwealth of Massachusetts,

County: Middlesex

Date: July 12, 2018

On this date, before me, the undersigned notary public, personally appeared **Victor A. Noel**, proved to me through satisfactory evidence of identity, which was/were

Known 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 he/she signed it voluntarily for its stated purpose.

*[Signature]*  
(signature of notary)

My commission expires 1/25/19

(seal of notary)

**Assignee Acceptance**

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

Signature:   
Name: David L. Schuler  
Title: Chief Intellectual Property Counsel

Date: 8/15/2018