

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4611549

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SOICHIRO HAYASHI	08/17/2017
AKIRA MOCHIMARU	08/14/2017
MARCO PANZANELLA	06/12/2017
<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>
Application Number:	15581452
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	CAMBRIDGE, MASSACHUSETTS 02142
<b>ATTORNEY DOCKET NUMBER:</b>	B2108-703419_PR-17-070-US
<b>NAME OF SUBMITTER:</b>	DAVID S. ANDREASEN
<b>SIGNATURE:</b>	/David S. Andreasen/
<b>DATE SIGNED:</b>	09/26/2017
<b>Total Attachments: 6</b>	
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## **ASSIGNMENT**

For valuable consideration, the receipt and sufficiency of which is acknowledged, I, the below named inventor, (hereinafter referred to as Assignor), 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 Assignor entitled:

### **ACOUSTIC ARRAY SYSTEMS**

which is identified by Attorney Docket No. **B2108-703419\_HP-17-070-US** for which Assignor filed an application of United States Letters Patent on April 28, 2017 assigned Application Serial No. 15/581,452 (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, inventor's 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.

Assignor authorizes the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, inventor's certificates and like rights of exclusion for any inventions or improvements which are disclosed in or the subject of the Application. Assignor agrees 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.

Assignor covenants that he or she has the full right to convey the interests assigned by this Assignment, and that he or she has not executed and will not execute any agreement in conflict with this Assignment. Assignor further agrees that he or she will, without further consideration: (i) promptly disclose to Assignee's patent attorney any prior art known to Assignor 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 Assignor and Assignee shall be resolved in federal or state courts in the Commonwealth of Massachusetts.

In testimony whereof, I have hereunto set my hand.

Date: 8/17/17

*Soichiro Hayashi*  
Soichiro Hayashi

Date: 8/17/17

Witness: *Shoji Yogo*

Date: 8/17/17

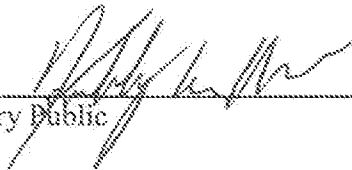
Witness: *Kakuro Sato*

  
Akira Mochimaru

Date: AUGUST 14, 2017

United States of America )  
State of Massachusetts ) ss.:  
County of Middlesex )

On this 14<sup>th</sup> day of August, 2017, before me personally came Akira Mochimaru, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



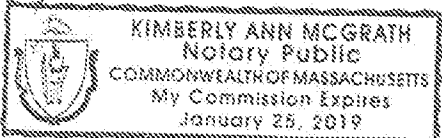
Marco M. Panzanella  
Marco Panzanella

Date: 6/12/17

United States of America )  
State of Massachusetts ) ss.:  
County of Middlesex )

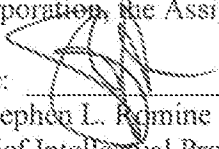
On this 12 day of June, 2017, before me personally came Marco Panzanella, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Kimberly Ann McGrath  
Notary Public



**Assignee Acceptance**

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

Signature:  .....

Date: 8/25/2017

Name: Stephen L. Romine

Title: Chief Intellectual Property Counsel