

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2603680

|   |                                  |
|---|----------------------------------|
| SUBMISSION TYPE:  | NEW ASSIGNMENT                   |
| NATURE OF CONVEYANCE:   | ASSIGNMENT                       |
| CONVEYING PARTY DATA  |                                  |
| Name  | Execution Date                   |
| ALAGANANDAN GANESHKUMAR   | 10/04/2013                       |
| 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:   | 13973472                         |
| CORRESPONDENCE DATA   |                                  |
| Fax Number:   | (508)898-9498                    |
| Phone:  | 508 898 9495                     |
| Email:  | lyn@dingmaniplaw.com             |
| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>                            |                                  |
| Correspondent Name:   | DINGMAN IP LAW, PC               |
| Address Line 1:   | 114 TURNPIKE ROAD , SUITE 108    |
| Address Line 4:   | WESTBOROUGH, MASSACHUSETTS 01581 |
| ATTORNEY DOCKET NUMBER:   | 22706-00052/A-13-048-US          |
| NAME OF SUBMITTER:  | BRIAN M. DINGMAN                 |
| Signature:  | /s/Brian M. Dingman              |
| Date:   | 11/05/2013                       |
| Total Attachments: 3<br>source=Assignment#page1.tif<br>source=Assignment#page2.tif<br>source=Assignment#page3.tif |                                  |

OP \$40.00 13973472

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Alaganandan Ganeshkumar

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) October 4, 2013

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Bose Corporation

Internal Address: \_\_\_\_\_

Street Address: The Mountain

City: Framingham

State: MA

Country: US Zip: 01701-9168

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

13/973,472

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Brian M. Dingman

Internal Address: Dingman IP Law, PC

Street Address: 114 Turnpike Road, Suite 108

City: Westborough

State: MA Zip: 01581

Phone Number: 508-898-9495

Docket Number: 22706-00052/A-13-048-US

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

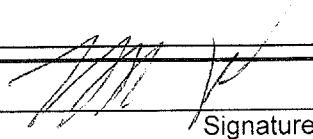
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 506086

Authorized User Name 5661

**9. Signature:**



November 5, 2013

Date

Brian M. Dingman

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**3**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## 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 disclosed in or the subject of an application for United States Patent signed by Assignor entitled:

### **INSTABILITY DETECTION AND CORRECTION IN SINUSOIDAL ACTIVE NOISE REDUCTION SYSTEM**

which is identified by Bose Corporation Docket No. **A-13-048-US** for which Assignor filed an application for United States Letters Patent on **August 22, 2013** assigned Application Serial No. 13/973,472 (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.

Assignor authorizes the Assignee to apply in all countries in their name 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. Assignor agrees for himself or herself, and their 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 (s)he has the full right to convey the interests assigned by this Assignment, and that (s)he has not executed and will not execute any agreement in

conflict with this Assignment. Assignor further agrees that (s)he 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.

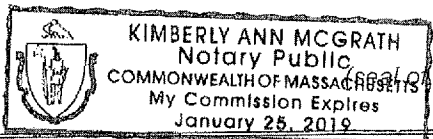
This assignment and all disputes under this assignment shall be governed by the laws of the Commonwealth of Massachusetts. Any and all claims, lawsuits, or disputes of any kind between Assignor and Assignee shall be resolved in federal or state courts in the Commonwealth of Massachusetts.

In testimony whereof, Assignor has hereunto set his or her hand.

In witness whereof, I hereto set my hand and seal at Middlesex  
 \_\_\_\_\_ (county)  
A. Gan  
 \_\_\_\_\_  
 Alaganandan Ganeshkumar  
 \_\_\_\_\_  
4/10/2013  
 \_\_\_\_\_ (date)

Certificate of Notarization:  
 Commonwealth of Massachusetts,  
 County: Middlesex  
 Date: October 4, 2013  
 On this date, before me, the undersigned notary public, personally appeared  
Alaganandan Ganeshkumar  
 (name of document signer)  
 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)