

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lawrence D. Knox</td> <td>04/09/2012</td> </tr> <tr> <td>Dariusz A. Bushko</td> <td>04/13/2012</td> </tr> <tr> <td>Marco Giovanardi</td> <td>04/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Lawrence D. Knox	04/09/2012	Dariusz A. Bushko	04/13/2012	Marco Giovanardi	04/10/2012
Name	Execution Date								
Lawrence D. Knox	04/09/2012								
Dariusz A. Bushko	04/13/2012								
Marco Giovanardi	04/10/2012								
RECEIVING PARTY DATA									
Name:	Bose Corporation								
Street Address:	100 Mountain Road								
City:	Framingham								
State/Country:	MASSACHUSETTS								
Postal Code:	01701								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13427382</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13427382				
Property Type	Number								
Application Number:	13427382								
CORRESPONDENCE DATA									
Fax Number:	(508)898-1502								
Email:	ccram@mirickoconnell.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Jeffrey J. Duquette, Esq.								
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ATTORNEY DOCKET NUMBER:	22706-00019								
NAME OF SUBMITTER:	Jeffrey J. Duquette								
Total Attachments: 4 source=Bose019Assignment#page1.tif source=Bose019Assignment#page2.tif source=Bose019Assignment#page3.tif source=Bose019Assignment#page4.tif									

OP \$40.00 13427382

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

### **ACTUATOR ASSEMBLY WITH PRELOADED BALL SCREWS**

which is identified by Bose Corporation Docket No. **R-11-099-US** for which Assignors filed an application of United States Letters Patent on **March 22, 2012** assigned Application Serial No. **13/427,382** (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 Assignor(s) and Assignee shall be resolved in federal or state courts in the Commonwealth of Massachusetts.

In testimony whereof, Assignors have hereunto set our hands.

In witness whereof, I hereto set my hand and seal at Middlesex County

*Lawrence D. Knox*  
**Lawrence D. Knox**  
**14 Stoney Brook Road**  
**Hopkinton, MA 01748**

Apr. 19, 2012  
(date)

Certificate of Notarization:

Commonwealth of Massachusetts,

County: Middlesex

Date: April 9, 2012

On this date, before me, the undersigned notary public, personally appeared

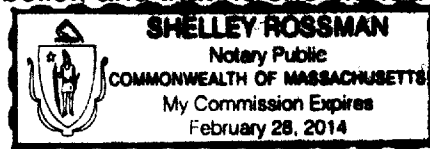
Lawrence D. Knox  
(name of document signer)

proved to me through satisfactory evidence of identity, which was/were

personally known, 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.

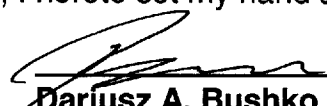
*[Signature]*  
(signature of notary)

My commission expires 2/28/2014



(seal of notary)

In witness whereof, I hereto set my hand and seal at Middlesex County

  
\_\_\_\_\_  
**Dariusz A. Bushko**  
**4 Lamplighter Lane**  
**Hopkinton, MA 01748**

12/05/12  
\_\_\_\_\_  
(date)

Certificate of Notarization:

Commonwealth of Massachusetts,

County: Middlesex

Date: April 13, 2012

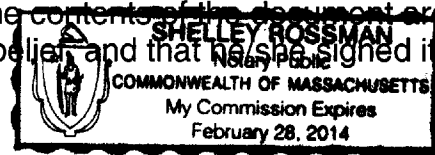
On this date, before me, the undersigned notary public, personally appeared

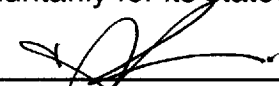
Dariusz Bushko  
\_\_\_\_\_  
(name of document signer)

proved to me through satisfactory evidence of identity, which was/were

personally known, 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 2.28.2014

(seal of notary)

In witness whereof, I hereto set my hand and seal at MIDDLESEX  
(county)

[Signature]  
\_\_\_\_\_  
(date)

4/10/2012  
(date)

**Marco Giovanardi**  
132 Forest Street  
Melrose, MA 02176

Certificate of Notarization:

Commonwealth of Massachusetts,  
County: Middlesex  
Date: April 10, 2012

On this date, before me, the undersigned notary public, personally appeared

Marco Giovanardi,  
(name of document signer)

proved to me through satisfactory evidence of identity, which was/were  
MASS. DRIVERS LICENSE, 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 \_\_\_\_\_.



(seal of notary)