### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
William Berardi	10/13/2010
Michael Dublin	10/21/2010
Eric S. Johanson	10/14/2010
Joseph Jankovsky	10/15/2010
Hilmar Lehnert	10/13/2010
Michael W. Stark	10/13/2010
Guy Torio	10/14/2010

#### **RECEIVING PARTY DATA**

Name:	Bose Corporation
Street Address:	The Mountain, MS 40
City:	Framingham
State/Country:	MASSACHUSETTS
Postal Code:	01701

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12855000

### **CORRESPONDENCE DATA**

Fax Number: (508)766-6971

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Phone: 508-766-6016

Email: docket@bose.com

Correspondent Name: Bose Corporation

Address Line 1: The Mountain, MS 40

Address Line 2: IP Legal - Patent Support

Address Line 4: Framingham, MASSACHUSETTS 01701

ATTORNEY DOCKET NUMBER: H-10-046-US

501350481 REEL: 025360 FRAME: 0615

1285500

PATENT

NAME OF SUBMITTER:	Shelley Rossman
Total Attachments: 5 source=20101101_Assign_H10046US#page source=20101101_Assign_H10046US#page source=20101101_Assign_H10046US#page source=20101101_Assign_H10046US#page source=20101101_Assign_H10046US#page	e2.tif e3.tif e4.tif

Page 1 of 5

#### **ASSIGNMENT**

WHEREAS **We**, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

## **ACTIVE AND PASSIVE DIRECTIONAL ACOUSTIC RADIATING**

which is identified by Bose Corporation Docket No. H-10-046-US for which We filed an application of United States Letters Patent on August 12, 2010 assigned Application Serial No. 12/855,000 and

WHEREAS **Bose Corporation**, a corporation of the State of Delaware, whose post office address is **The Mountain**, **MS-40**, **Framingham**, **MA 01701** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt and sufficiency of which from Assignee is hereby acknowledged, We. as assignors. and as effective as of the earliest filing date to which this invention is entitled, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, the above-identified provisional and nonprovisional applications, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, **WE** HEREBY covenant that **We** have the full right to convey the interest assigned by this Assignment, and **We** have not executed and will not execute any agreement in conflict with this Assignment;

AND, **WE** HEREBY further covenant and agree that **We** will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

Page 2 of 5

In Witness Whereof, I hereto set my hand and seal at FRAMING HAM , this 13
day of <u>OCTOBER</u> , 2010.
William Berondi
William Berardi
State of Massachusetts
County of Middlesex
On this 13th day of Orbhan, 2010, before me, the undersigned notary public,
personally appeared William Benapoli (name of document signer), proved to
me through satisfactory evidence of identity, which was/were
person whose name was
signed on the preceding or attached document in my presence, and who swore or affirmed
to me that the contents of the document are truthful and accurate to the hossianish er
knowledge and belief.  Notary Public Notary Public Commonwealth of MASSACHUSETTS
My Commission Expires My Commission Expires
February 28, 2014
(official signature and seal of notary)
My commission expires 2.28.2014
AL:-
IN WITNESS WHEREOF, I hereto set my hand and seal at Francisch, this 2/
day of
Michael Dublin
State of Massachusetts
County of Midd way
On this 2/5 day of October, 2010, before me, the undersigned notary public,
personally appeared Michael Michael (name of document signer), proved to
me through satisfactory evidence of identity, which was/were to be the person whose name was
signed on the preceding or attached document in my presence, and who swore or affirmed
to me that the contents of the document are truthful and accurate to the best of his/her
SHELLET HUSSMAN
knowledge and belief.  Notary Public COMMONWEALTH OF MASSACHUSETTS
knowledge and belief.
knowledge and belief.  Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires

Docket No.: **H-10-046-US**Page 3 of 5

In WITNESS WHEREOF, I hereto set my hand and seal at Framingham, MA, this 14th
day of October, 2010.
- Ma Johan
Eric S. Johanson
State of Massachusetts
County of Widdless
On this / day of Och, 2010, before me, the undersigned notary public,
personally appeared <u>Law Johnson</u> (name of document signer), proved to
me through satisfactory evidence of identity, which was/were
paranticy (hours, to be the person whose name was
signed on the preceding or attached document in my presence, and who swore or affirmed
to me that the contents of the document are truthful and accurate to the best of his/her
Milowiedge and belief.
M <sub>3</sub> CONSETTS
46
(official signature and seal of notary)
My commission expires 2-28-24 9
IN WITNESS WHEREOF, I hereto set my hand and seal at framy MA, this 15
day of October, 2010.
Joseph Jankovsky
State of Massachusetts
County of Middlesey
On this 15 day of Off 2010, before me, the undersigned notary public,
personally appeared has sandy (name of document signer), proved to
me through satisfactory evidence of identity, which was/were
berson whose name was
signed on the preceding or attached document in my presence, 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.  Notary Public COMMONWEALTH OF MASSACHUSETTS
My Commission Expires February 28, 2014
11 · m · · / · CV - 45 · · · · · · · · · · · · · · · · · ·
(official <del>signature</del> and seal of notary)  My commission expires

Page 4 of 5

IN WITNESS WHEREOF, I hereto set my hand and seal at <u>Framme hem</u> , this <u>13th</u>
day of <u>October</u> , 2010.
- m h
Hilmar Lehnert
State of Massachusetts County of Middles
a un 12th a child soul before the undersigned notons nublic
On this day of
me through satisfactory evidence of identity, which was/were, to be the person whose name was
signed on the preceding or attached document in my presence, and who swore or affirmed
to me that the contents of the document are truthful and accurate the heatenfalm/her
knowledge and belief.  Knowledge and belief.  Knowledge and belief.  Knowledge and belief.
COMMONWEALTH OF MASSACHUSETTS My Commission Expires
February 28, 2014
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(official signature and seal of notary) My commission expires ことを フェリケ
My Continuesion expires
In Witness Whereof, I hereto set my hand and seal at, this, this, this,
In Witness Whereof, I hereto set my hand and seal at Frances of the set of th
day of <u>October</u> , 2010.  Mehal Without
day of <u>October</u> , 2010.  Mehal Without
day of <u>Getober</u> , 2010.  Michael W. Stark  State of Massachusetts  County of Middles
day of October, 2010.  Michael W. Stark  State of Massachusetts County of Madless  On this Aday of Ochber, 2010, before me, the undersigned notary public,
Michael W. Stark  State of Massachusetts County of May of Char 2010, before me, the undersigned notary public, personally appeared Midner Inc. (name of document signer), proved to
Michael W. Stark  State of Massachusetts County of Maddes  On this day of Character 2010, before me, the undersigned notary public, personally appeared Midner Amburgament (name of document signer), proved to me through satisfactory evidence of identity, which was/were
Michael W. Stark  State of Massachusetts County of May of Control 2010, before me, the undersigned notary public, personally appeared Man In (name of document signer), proved to me through satisfactory evidence of identity, which was/were to be the person whose name was
Michael W. Stark  State of Massachusetts County of May of Officer 2010, before me, the undersigned notary public, personally appeared Man In (name of document signer), proved to me through satisfactory evidence of identity, which was/were personally was larger to be the person whose name was signed on the preceding or attached document in my presence, and who swore or affirmed
Michael W. Stark  State of Massachusetts County of May of Control 2010, before me, the undersigned notary public, personally appeared Man In (name of document signer), proved to me through satisfactory evidence of identity, which was/were to be the person whose name was
Michael W. Stark  State of Massachusetts County of Massachusetts  County of Massachusetts  On this day of Massachusetts  On this satisfactory evidence of identity, which was/were through satisfactory evidence of identity, which was/were to me that the contents of the document in my presence, and who swore or affirmed to me that the contents of the document are truthful and knowledge and belief.
Michael W. Stark  State of Massachusetts  County of May of Company 2010, before me, the undersigned notary public, personally appeared May (name of document signer), proved to me through satisfactory evidence of identity, which was/were signed on the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and knowledge and belief.

Page 5 of 5

IN WITNESS WHEREOF, I hereto set my hand and seal at rominghour, this 14
day of October, 2010.
$\nu \setminus \lambda_{\alpha}$
W Cois
Guy Torio
State of Massachusetts
County of Middlesex
On this 14th day of Other, 2010, before me, the undersigned notary public,
personally appeared (name of document signer), proved to
me through satisfactory evidence of identity, which was/were
besone (5 / Cocoo , to be the person whose name was
signed on the preceding or attached document in my presence, 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.  SHELLEY ROSSMAN  Notary Public
COMMONWEALTH OF MASSACHUSETTS  My Commission Expires
February 28, 2014
(official signature and seal of notary)
4 \ .
My commission expires 2-282014

PATENT REEL: 025360 FRAME: 0621

**RECORDED: 11/15/2010**