

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kieran P. Harney</td> <td>12/06/2012</td> </tr> <tr> <td>Dipak Sengupta</td> <td>12/10/2012</td> </tr> <tr> <td>Brian Moss</td> <td>12/10/2012</td> </tr> <tr> <td>Alain V. Guery</td> <td>02/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kieran P. Harney	12/06/2012	Dipak Sengupta	12/10/2012	Brian Moss	12/10/2012	Alain V. Guery	02/21/2013
Name	Execution Date										
Kieran P. Harney	12/06/2012										
Dipak Sengupta	12/10/2012										
Brian Moss	12/10/2012										
Alain V. Guery	02/21/2013										
RECEIVING PARTY DATA											
Name:	Analog Devices, Inc.										
Street Address:	One Technology Way										
City:	Norwood										
State/Country:	MASSACHUSETTS										
Postal Code:	02062-9106										
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>13661401</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13661401						
Property Type	Number										
Application Number:	13661401										
CORRESPONDENCE DATA											
Fax Number:	6174430004										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617-443-9292										
Email:	emiller@sunsteinlaw.com										
Correspondent Name:	Steven G. Saunders										
Address Line 1:	SUNSTEIN KANN MURPHY & TIMBERS LLP										
Address Line 2:	125 Summer Street										
Address Line 4:	Boston, MASSACHUSETTS 02110-1618										
ATTORNEY DOCKET NUMBER:	2550/D98										
NAME OF SUBMITTER:	Steven G. Saunders										
Total Attachments: 12											

CH \$40.00 13661401

source=eem2550D98_AZ#page1.tif
source=eem2550D98_AZ#page2.tif
source=eem2550D98_AZ#page3.tif
source=eem2550D98_AZ#page4.tif
source=eem2550D98_AZ#page5.tif
source=eem2550D98_AZ#page6.tif
source=eem2550D98_AZ#page7.tif
source=eem2550D98_AZ#page8.tif
source=eem2550D98_AZ#page9.tif
source=eem2550D98_AZ#page10.tif
source=eem2550D98_AZ#page11.tif
source=eem2550D98_AZ#page12.tif

ASSIGNMENT

ASSIGNORS: Kieran P. Harney
Dipak Sengupta
Brian Moss
Alain V. Guery

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

INVENTION: Microphone Module with Sound Pipe

ATTORNEY DOCKET: 2550/D98

SERIAL NO: 13/661,401

FILING DATE: October 26, 2012


Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 6 Dec 2012


Kieran P. Harney, Assignor

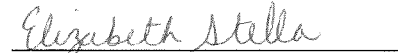
COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss.

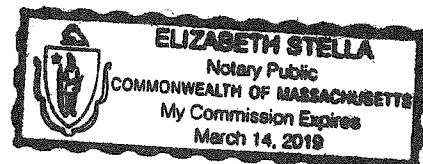
12/6, 2012

On this 6 day of December, 2012, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of Mass Driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal


Notary Public

My commission expires: March 14, 2019



Date: _____
Dipak Sengupta, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Dipak Sengupta, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal _____
Notary Public
My commission expires:

Date: _____
Brian Moss, Assignor

Date: _____
Alain V. Guery, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Alain V. Guery, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal _____
Notary Public
My commission expires:

ASSIGNMENT

ASSIGNORS: Kieran P. Harney
Dipak Sengupta
Brian Moss
Alain V. Guery

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

INVENTION: Microphone Module with Sound Pipe

ATTORNEY DOCKET: 2550/D98

SERIAL NO: 13/661,401

FILING DATE: October 26, 2012

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____

Kieran P. Harney, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: 12-10-12

ASG
Dipak Sengupta, Assignor

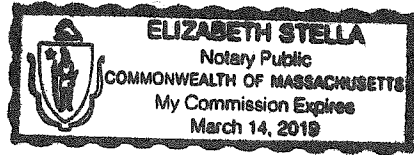
COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss.

12/10, 2012

On this 10th day of Dec., 2012, before me, the undersigned notary public, personally appeared Dipak Sengupta, proved to me through satisfactory evidence of identification, which consisted of Mass Driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



Elizabeth Stella
Notary Public

My commission expires: March 14, 2019

Date: _____

Brian Moss, Assignor

Date: _____

Alain V. Guery, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Alain V. Guery, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

ASSIGNMENT

ASSIGNORS: Kieran P. Harney
Dipak Sengupta
Brian Moss
Alain V. Guery

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

INVENTION: Microphone Module with Sound Pipe

ATTORNEY DOCKET: 2550/D98

SERIAL NO: 13/661,401

FILING DATE: October 26, 2012

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____
Kieran P. Harney, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal _____
Notary Public
My commission expires:

Date: _____

Dipak Sengupta, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2012

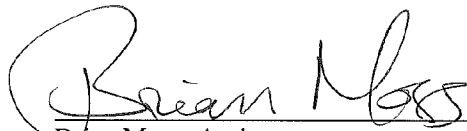
On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Dipak Sengupta, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: 10TH December 2012



Brian Moss, Assignor

Date: _____

Alain V. Guery, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Alain V. Guery, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

ASSIGNMENT

ASSIGNORS: Kieran P. Harney
Dipak Sengupta
Brian Moss
Alain V. Guery

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

INVENTION: Microphone Module with Sound Pipe

ATTORNEY DOCKET: 2550/D98

SERIAL NO: 13/661,401

FILING DATE: October 26, 2012

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____

Kieran P. Harney, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: _____

Dipak Sengupta, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2012

On this ____ day of _____, 2012, before me, the undersigned notary public, personally appeared Dipak Sengupta, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: _____

Brian Moss, Assignor

Date: 2/21/2013

[Signature]
Alain V. Guery, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss. Feb 21, 2012 ³ Co

On this 21st day of February, 2012³, before me, the undersigned notary public, personally appeared Alain V. Guery, proved to me through satisfactory evidence of identification, which consisted of Mass Driver's license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Elizabeth Stella
Notary Public

My commission expires: March 14, 2019

