

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David P. Foley</td> <td>12/01/2008</td> </tr> <tr> <td>Eitake Ibaragi</td> <td>08/28/2008</td> </tr> </tbody> </table>		Name	Execution Date	David P. Foley	12/01/2008	Eitake Ibaragi	08/28/2008
Name	Execution Date						
David P. Foley	12/01/2008						
Eitake Ibaragi	08/28/2008						
RECEIVING PARTY DATA							
Name:	Analog Devices, Inc.						
Street Address:	One Technology Way						
City:	Norwood						
State/Country:	MASSACHUSETTS						
Postal Code:	02062						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12184687</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12184687		
Property Type	Number						
Application Number:	12184687						
CORRESPONDENCE DATA							
Fax Number:	(617)646-8646						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	617-646-8000						
Email:	pmarchetti@wolfgreenfield.com						
Correspondent Name:	Wolf, Greenfield & Sacks, P.C.						
Address Line 1:	600 Atlantic Avenue						
Address Line 4:	Boston, MASSACHUSETTS 02210						
ATTORNEY DOCKET NUMBER:	A0312.70622US01						
NAME OF SUBMITTER:	Steven J. Henry						
Total Attachments: 3 source=A0312.70622US01 - Assignment#page1.tif source=A0312.70622US01 - Assignment#page2.tif source=A0312.70622US01 - Assignment#page3.tif							

CH \$40.00 12184687

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, and in fulfillment of our employment agreement, we the undersigned hereby:

1. Sell, assign and transfer to Analog Devices, Inc., a Massachusetts corporation having a place of business at One Technology Way, P.O. Box 9106, Norwood, Massachusetts 02062-9105, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on August 1, 2008 under Serial No. 12/184,687, bearing Attorney Docket No. A0312.70622US01, and entitled METHODS AND APPRATUS FOR VARIABLE MODE DRIVERS, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us; and
6. Appoint Assignee, through its designee, our attorney-in-fact to execute, in our name and on our behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

Dec 1 2008
Date

David P. Foley
Inventor: David P. Foley

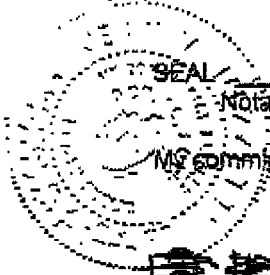
Address: 6 Armand Drive
Chelmsford, MA 01824

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS :

COUNTY OF Middlesex :

On this 1 day of Dec, 2008, before me, the undersigned notary public, personally appeared David P. Foley, proved to me through satisfactory evidence of identification, which were David Foley, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of his knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.



JEAN M MEZZETTI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 15, 2016

Notary Public
My commission expires _____

12-1-08
Date

Eitake Ibaragi
Inventor: Eitake Ibaragi
Address: 1-6-19 Aoki, Kawaguchi-city
Saitama, Japan 332-0031

Citizenship: Japan

Witness:

Date

Witness:

Date

This instrument is executed under seal.

 Date

 Inventor: David P. Foley

 Address: 6 Armand Drive
 Chelmsford, MA 01824

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS :

COUNTY OF _____ :

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared David P. Foley, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of his knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.

SEAL _____
Notary Public

My commission expires _____

August 28, 2008
 Date

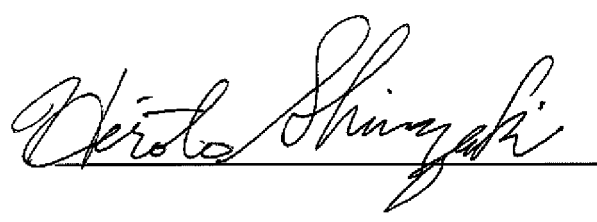
 Inventor: Eitake Ibaragi

 Address: 1-6-19 Aoki, Kawaguchi-city
 Saitama, Japan 332-0031

Citizenship: Japan

Witness:

August 28, 2008
Date



Witness:

Date
