

## PATENT ASSIGNMENT

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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>Manish Manglani</td> <td>01/23/2012</td> </tr> <tr> <td>Antonio Montalvo</td> <td>01/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Manish Manglani	01/23/2012	Antonio Montalvo	01/30/2012
Name	Execution Date						
Manish Manglani	01/23/2012						
Antonio Montalvo	01/30/2012						
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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13362232</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13362232		
Property Type	Number						
Application Number:	13362232						
CORRESPONDENCE DATA							
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005-1257						
ATTORNEY DOCKET NUMBER:	13641/437901						
NAME OF SUBMITTER:	Erica M. Brauer						
Total Attachments: 2 source=4379Assignment#page1.tif source=4379Assignment#page2.tif							

CH \$40.00 13362232

**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to **Analog Devices, Inc.**, a corporation of the state of Massachusetts, having a principal place of business at One Technology Way, Norwood, Massachusetts, 02062-9106, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and discoveries that are disclosed in the United States Patent Application entitled:

**METHOD AND APPARATUS TO INDEPENDENTLY CONTROL FRONT END GAIN AND BASEBAND GAIN**

Filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)

and in and to said United States Patent Application and all provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said inventions and discoveries; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said inventions and discoveries; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and discoveries in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, divisional, continuing, substitute, renewal, reissue, and other patent applications on any and all said inventions and discoveries; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and discoveries and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and discoveries and for vesting title to said inventions and discoveries, and all applications for patents and all patents on said inventions and discoveries, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventor: **Manish Manglani**

Inventor Signature 	Date 01-23-2012
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Inventor: **Antonio Montalvo**

Inventor Signature	Date
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### ASSIGNMENT

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Inventor: **Manish Manglani**

Inventor Signature	Date
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Inventor: **Antonio Montalvo**

Inventor Signature 	Date 30 January 2012
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