Client Code: ADINC.102A

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To the Director, o.c. I decire and installed	
1. Name of conveying party(ies): (List using letters or numbers for multiple parties) 1. Evgueni Ivanov Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) 1. August 1, 2011 5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502	2. Name and address of receiving party(ies): Name: Analog Devices, Inc. Street Address: One Technology Way City: Norwood State: MA ZIP: 02062 Additional name(s) of receiving party(ies) attached? () Yes (X) No 4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 13/196523 Filing Date: August 2, 2011 Additional numbers attached? () Yes (X) No 6. Total number of applications and patents involved: 1
Attorney's Docket No.: ADINC.102A 7. Total fee (37 CFR 1.21(h)): \$40	8. Deposit account number: 11-1410
(X) Authorized to be charged to deposit account	Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
is a true copy of the original document. David R. Trossen Name of Person Signing 59,406 Registration No.	August 3, 2011 nature Date ar sheet, attachments and document: 4
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> **PATENT REEL: 026703 FRAME: 0221**

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ASSIGNMENT

WHEREAS, I, Evgueni Ivanov, a citizen of Canada, residing in Wilmington, MA, and having a mailing address of Analog Devices, Inc., One Technology Way, Norwood, MA 02062, have invented certain new and useful improvements in a APPARATUS AND METHODS FOR BIASING AMPLIFIERS for which I have executed an application for Letters Patent in the United States, and I hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, Customer No. 20,995, to insert here in parentheses (Application Number 13/196523 ______, filed August 2, 2011 _____) the filing date and application number of said application when known;

AND WHEREAS, Analog Devices, Inc. (hereinafter "ASSIGNEE"), a Corporation, with its principal place of business at One Technology Way, Norwood, MA 02062, desires to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, I, said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application including all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assigned hereby that may have accrued prior to the date of assignment to violation of the rights assignment to violation of the rights assignment to the rights as a sign of the righ

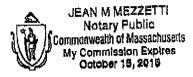
AND I HEREBY covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

PATENT REEL: 026703 FRAME: 0222 Application No.: 13/196523 Client Code: ADINC.102A Filing Date: August 2, 2011 Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this O1 day of August 7, 2011.

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Sign in presence of a Notary and have Notary attach Acknowledgement



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> PATENT REEL: 026703 FRAME: 0223

State of Massachusetts

County of Migdlesex	
The foregoing instrument was acknowledge before me	an M. Mennett
On this 15t day of 19 20/1	100
BY FUGUENCE TURNOU.	(name of constituent), who is
personally known to me or has produced Drivery Vino	(type of ID), as

Notany's Signature

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

PATENT REEL: 026703 FRAME: 0224

RECORDED: 08/03/2011