Form PTO-1595 (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2015)

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RECORDATION FORM COVER SHEET	
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(les)	2. Name and address of receiving party(ies)
	Name: Analog Devices, Inc.
Hongxing Li	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: One Technology Way
Execution Date(s) December 21, 2012	
Assignment Merger	
Security Agreement Change of Name	City: Norwood
Joint Research Agreement	State: MA
Government Interest Assignment	Country: U.S. Zip; 02062
Executive Order 9424, Confirmatory License	Country: 210: 210: 2202
Other	Additional name(s) & address(es) attached? Yes No
A. Patent Application No.(s) 13/725631	B. Patent No.(s)
Additional numbers attached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Knobbe Martens Olson & Bear LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40
Internal Address:	7. Total lee (37 CFR 1.21(II) & 3.41) 3
mornal Address.	Authorized to be charged to deposit account
Street Address: 2040 Main Street, 14th Floor	Enclosed
Sifeet Address.	None required (government interest not affecting title)
City: Irvine	8. Payment Information
State: CA Zip: 92614	
Phone Number: (949) 760-0404	Deposit Account Number 11-1410
Docket Number: ADIRE.058A	
Email Address; efiling@knobbe.com	Authorized User Name Knobbe Mariens Olson & Bear LLP
9. Signature:	January 8, 2013
Signature	Date
David Trossen	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing Sheet, attachments, and documents: Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:	
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

PATENT REEL: 029617 FRAME: 0534

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: ADIRE.058A Page 1 of 2

Title: APPARATUS AND METHODS FOR VOLTAGE COMPARISON

Inventor: Hongxing Li

Declaration

This Declaration is directed to the application identified above that:

is attached, where "attached" means filed concurrently with.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose Information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, the above-identified inventor (Individual hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filling with the United States Patent and Trademark Office (hereinafter the "Application").

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

NOW. THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does 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 the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, 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 any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests 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

PATENT REEL: 029617 FRAME: 0535

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed proviously or concurrently

KMOB SF

Docket No.: ADIRE.058A

Title: APPARATUS AND METHODS FOR VOLTAGE COMPARISON

Inventor: Hongxing Li

applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES 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 ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after Issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of December, 20/2.

A.

Witness Signature

Name of Witness

14546538 121912

> PATENT REEL: 029617 FRAME: 0536

RECORDED: 01/08/2013