PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARROLL C. SPEIR	12/02/2015
ERIC OTTE	12/02/2015
JEFFREY PAUL BRAY	12/01/2015

RECEIVING PARTY DATA

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State/Country:	MASSACHUSETTS	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14955916

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NAME OF SUBMITTER:	SHIRLEY S. FUNG	
SIGNATURE:	/Shirley S. Fung/	
DATE SIGNED:	12/04/2015	

Total Attachments: 4

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PATENT REEL: 037213 FRAME: 0500

ASSIGNMENT

WHEREAS, I am a named inventor, CARROLL C. SPEIR, ERIC OTTE and JEFFREY PAUL BRAY, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "EFFICIENT CALIBRATION OF ERRORS IN MULTI-STAGE ANALOG-TO-DIGITAL CONVERTERS," (hereinafter referred to as "Application"); and

WHEREAS, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. 110506 to insert here in parentheses (Ser. No. 14/955,916; Filing Date: December 1, 2015) the filing date and application number of said application when known.

WHEREAS, Analog Devices, Inc. (hereinafter referred to as "Assignee"), a Massachusetts Corporation, with an address of One Technology Way, Norwood, MA 02062, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all provisional, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET NO. 26256.0292-NP3 (APD5304-4) **ASSIGNMENT**

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Title of Invention:

EFFICIENT CALIBRATION OF ERRORS IN

MULTI-STAGE ANALOG-TO-DIGITAL CONVERTERS

Full name of inventor:

CARROLL C. SPEIR

Inventor's signature:

Curroll C. Ssein 12/02/2015

Date:

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7037 Hidden Lane Ext Pleasant Garden, NC 27313

ATTORNEY DOCKET NO. 26256.0292-NP3 (APD5304-4)

ASSIGNMENT

3

Title of Invention:

EFFICIENT CALIBRATION OF ERRORS IN

MULTI-STAGE ANALOG-TO-DIGITAL CONVERTERS

Full name of inventor:

ERIC OTTE

Inventor's signature:

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12/2/15

Date:

27 Bay State Road, Apt. 3F

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PATENT REEL: 037213 FRAME: 0503

ATTORNEY DOCKET NO. 26256.0292-NP3 (APD5304-4)

Inventor's signature:

ASSIGNMENT

4

Title of Invention: EFFICIENT CALIBRATION OF ERRORS IN

MULTI-STAGE ANALOG-TO-DIGITAL CONVERTERS

Full name of inventor: JEFFREY PAUL BRAY

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PATENT REEL: 037213 FRAME: 0504

RECORDED: 12/04/2015