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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3645280

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOGESH JAYARAMAN SHARMA	12/04/2015
JAMES FIORENZA	12/04/2015

RECEIVING PARTY DATA

Name:	ANALOG DEVICES, INC.
Street Address:	ONE TECHNOLOGY WAY
City:	NORWOOD
State/Country:	MASSACHUSETTS
Postal Code:	02062-9106

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14959567

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: 125 SUMMER STREET

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ATTORNEY DOCKET NUMBER:	2550/F56	
NAME OF SUBMITTER:	JOHN J. STICKEVERS	
SIGNATURE:	/John J. Stickevers, 39,387/	
DATE SIGNED:	12/07/2015	

Total Attachments: 6

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> **PATENT** REEL: 037221 FRAME: 0351

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> PATENT REEL: 037221 FRAME: 0352

ASSIGNMENT

ASSIGNOR(S): Yogesh Jayaraman Sharma

James Fiorenza

ASSIGNEE: Analog Devices, Inc.

One Technology Way Norwood, MA 02062-9106

STATE OF

INCORPORATION OF

ASSIGNEE: Massachusetts

TITLE: High Gain Load Circuit for a Differential Pair Using Depletion

Mode Transistors

ATTORNEY DOCKET: 2550/F56

<u>APPLICATION NO.:</u> 14/959,567

FILING DATE: December 4, 2015

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and application number as indicated above, or if no filing date and application number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee,

perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP 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.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 4 Dec 2015		Jel J
Date: 4 Dec 20	Vo	gesh Jayaraman Sharma, Assignor
STATE OF CALIFORNIA	108	gosh vayaraman Sharma, Assignor
County of	_, ss.	
On	before me,	(here insert d Yogesh Jayaraman Sharma, who proved to me
on the basis of satisfactory evider within instrument and acknowled authorized capacity(ies), and that the entity upon behalf of which the	nce to be the per ged to me that h by his/her/their ne person(s) acte RJURY under t	son(s) whose name(s) is/are subscribed to the ne/she executed the same in his/her/their signature(s) on the instrument the person(s), or ad, executed the instrument. The laws of the State of California that foregoing
Signature		Seal
Date:		
Commonwealth of Massachusetts		nes Fiorenza, Assignor
County of	, ss.	, 2015
On this day of, 20	015, before me,	the undersigned notary public, personally

Page 2 of 3

appeared James Fiorenza, pro	ved to me through satisfactory evidence of identification, which		
consisted of	to be the person whose name is signed on the		
preceding or attached docume	ent, and acknowledged to me that he/she signed it voluntarily for its		
stated purpose.			
Seal			
	Notary Public		
	My commission expires:		

02550/00F56 2414873,1

ASSIGNMENT

ASSIGNOR(S): Yogesh Jayaraman Sharma

James Fiorenza

ASSIGNEE: Analog Devices, Inc.

One Technology Way Norwood, MA 02062-9106

STATE OF

INCORPORATION OF

ASSIGNEE: Massachusetts

TITLE: High Gain Load Circuit for a Differential Pair Using Depletion

Mode Transistors

ATTORNEY DOCKET: 2550/F56

<u>APPLICATION NO.:</u> 14/959,567

FILING DATE: December 4, 2015

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For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee,

perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP 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.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Yogesh Jayaraman Sharma, Assignor STATE OF CALIFORNIA County of	Date:	
On	STATE OF CALIFORNIA	Yogesh Jayaraman Sharma, Assignor
name and title of the officer), personally appeared Yogesh Jayaraman Sharma, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. It certify under PENALTY OF PERJURY under the laws of the State of California that foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature Seal Date: 1444-015 James Fiorenza, Assignor Commonwealth of Massachusetts	County of, ss.	
Date: 12/4/2017 James Fiorenza, Assignor Commonwealth of Massachusetts	name and title of the officer), personally apperson the basis of satisfactory evidence to be the within instrument and acknowledged to me the authorized capacity(ies), and that by his/her/the entity upon behalf of which the person(s) I certify under PENALTY OF PERJURY under	eared Yogesh Jayaraman Sharma, who proved to me e person(s) whose name(s) is/are subscribed to the hat he/she executed the same in his/her/their their signature(s) on the instrument the person(s), or acted, executed the instrument. der the laws of the State of California that foregoing
James Fiorenza, Assignor Commonwealth of Massachusetts	Signature	Seal
James Fiorenza, Assignor Commonwealth of Massachusetts		
		James Fiorenza, Assignor
(A + 1)	•	1 \ /1.1.
County of Middlesex, ss. 12/4/2015, 2015 On this day of December 2015, before me, the undersigned notary public, personally	County of Middle Sex, ss.	$\frac{12/4/2015}{2015}$
On this \(\frac{1}{2}\) day of \(\frac{1}{2}\) eccept, 2015, before me, the undersigned notary public, personally	On this $\underline{\underline{U}}$ day of $\underline{\underline{Decerb}}$, 2015, before	me, the undersigned notary public, personally

appeared James Fiorenza, proved to me through satisfactory evidence of identification, which consisted of <u>Driver's Vicense</u>, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires: March 14, 2019

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