## 503105668 12/17/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3152275

I     CONVEYING PARTY DATA     Name   Execution Date     LAWRENCE CHRISTOPHER COTTON   12/08/2014     RECEIVING PARTY DATA     Name:   TEXAS INSTRUMENTS INCORPORATED     Street Address:   12500 TI BOULEVARD, M/S 3999   City:     DALLAS   DALLAS   State/Country:   TEXAS     Postal Code:   75243   75243     PROPERTY NUMBERS Total: 1     Property Type   Number     Application Number:   14573556     CORRESPONDENCE DATA     Fax Number:   Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.     Email:   usplo@ti.com     Correspondent Name:   TEXAS INSTRUMENTS INCORPORATED     Address Line 1:   12500 TI BOULEVARD, M/S 3999     Address Line 4:   DALLAS, TEXAS 75243     ATTORNEY DOCKET NUMBER:   TI-74297     VAME OF SUBMITTER:   ARLENE J. SIMON     SIGNATURE:   /Arlene J. Simon/     DALLAS, TEXAS 75243   Signature:	SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NameExecution DateLAWRENCE CHRISTOPHER COTTON12/08/2014I 200/2014RECEIVING PARTY DATAName:TEXAS INSTRUMENTS INCORPORATEDStreet Address:12500 TI BOULEVARD, M/S 3999City:DALLASState/Country:TEXASDALLASPostal Code:75243PROPERTY NUMBERS Total: 1Property TypeNumber14573556CORRESPONDENCE DATA Fax Number:CORRESPONDENCE DATA Fax Number:CORRESPONDENCE DATA Fax Number:CORRESPONDENCE DATA Fax Sinst if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number:TEXAS INSTRUMENTS INCORPORATED Address Line 1:Address Line 1:12500 TI BOULEVARD, M/S 3999 Address Line 4:DALLAS, TEXAS 75243TTORNEY DOCKET NUMBER:TI-74297IAME OF SUBMITTER:ARLENE J. SIMONIGNATURE:/Arlene J. Simon/IGNATURE:/Arlene J. Simon/IATE SIGNED:12/17/2014	NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
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Image: TEXAS INSTRUMENTS INCORPORATED     Name: TEXAS INSTRUMENTS INCORPORATED     Street Address: 12500 TI BOULEVARD, M/S 3999     City: DALLAS     State/Country: TEXAS     Postal Code: 75243     PROPERTY NUMBERS Total: 1     Property Type Number     Application Number:   14573556     CORRESPONDENCE DATA     Fax Number:     COrrespondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.     Email: uspto@ti.com     CORRESPONDENCE DATA     Fax Number:     Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.     Email: uspto@ti.com     CORRESPONDENCE DATA     Fax S INSTRUMENTS INCORPORATED     Address Line 1: 12500 TI BOULEVARD, M/S 3999     Address Line 4: DALLAS, TEXAS 75243     VITTORNEY DOCKET NUMBER: TI-74297     VAME OF SUBMITTER:			Name		Execution Date	
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DATE SIGNED: 12/17/2014						
Total Attachments: 1			12/17/2014			
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## ASSIGNMENT

WHEREAS. I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made.

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws or the sale Delaware, with a place of business at 12500 TI Boulevard, M/S 3999, Dallas, Texas 75243, is desirous of acquiring my entire ngnititle and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to U.S. Provisional Application No. 61/936,570, filed February 6, 2014;

NOW. THEREFORE. for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application(s) and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefore, insolar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	AMPLIFIER WITH REDUCED IDLE POWER LOSS USING SINGLE-ENDED LOOPS
APPLICATION NO(S).	
SIGNATURE OF INVENTOR AND NAME	Lawrence Christopher Cotton
DATE	12/8/25/9
RESIDENCE (CITY AND STATE)	Allen, TX

After recording, return Assignment to:

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

**RECORDED: 12/17/2014**