

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4547244

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHONGHAI SHI	05/29/2014
VINCE DEEMS	05/29/2014
HONG TIAN	05/30/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CIRRUS LOGIC, INC.
<b>Street Address:</b>	800 W. 6TH STREET
<b>City:</b>	AUSTIN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78701
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15675242
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)391-2173
<i>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.</i>	
<b>Phone:</b>	512.236.2023
<b>Email:</b>	bprewitt@docket@jw.com
<b>Correspondent Name:</b>	JACKSON WALKER L.L.P.
<b>Address Line 1:</b>	100 CONGRESS AVENUE
<b>Address Line 2:</b>	SUITE 1100
<b>Address Line 4:</b>	AUSTIN, TEXAS 78701
<b>ATTORNEY DOCKET NUMBER:</b>	141841.00717-P2191USD1
<b>NAME OF SUBMITTER:</b>	MINDY MAYER
<b>SIGNATURE:</b>	/mindy mayer/
<b>DATE SIGNED:</b>	08/11/2017
<b>Total Attachments: 3</b>	
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*ASSIGNMENT*

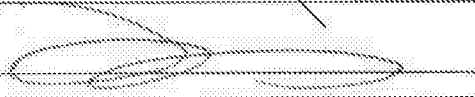
WHEREAS, ZHONGHAI SHI, a citizen of the People's Republic of China, residing at 1704 Acacia Bud Drive, Austin, Texas 78733, VINCE DEEMS, a citizen of the United States of America, residing at 709 Elder Circle, Austin, Texas 78733, and HONG TIAN, a citizen of the United States of America, residing at 9400 Bing Cherry Lang, Austin, Texas 78750, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled *Systems and Methods for Fabricating a Polycrystalline Semiconductor Resistor on a Semiconductor Substrate*, Attorney Docket No. 141841.00104 (2191-MISC-US), for a full description of which reference is here made to an application for Letters Patent of the United States filed on June 5, 2014 and assigned Application Serial No. 14/297008; and

For good and valuable consideration, the receipt of which is hereby acknowledged, I hereby also sell, assign and transfer unto Cirrus Logic, Inc., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and I further authorize Cirrus Logic, Inc. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.


I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, continuation-in-part, or reissue, to Cirrus Logic, Inc., for the sole use and benefit of Cirrus Logic, Inc., its successors, assigns and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to Cirrus Logic, Inc.

I agree that, when requested, I will, without charge to Cirrus Logic, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in Cirrus Logic, Inc., its successors, assigns and legal representatives or nominees.

I covenant with Cirrus Logic, Inc., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

NAME OF FIRST INVENTOR	ZHONGHAI SHI
SIGNATURE OF FIRST INVENTOR	
DATE	MAY 29 2014

NAME OF SECOND INVENTOR	VINCE DEEMS
SIGNATURE OF SECOND INVENTOR	_____
DATE	_____

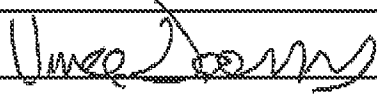
NAME OF THIRD INVENTOR	HONG TIAN
SIGNATURE OF THIRD INVENTOR	
DATE	MAY 30 2014

*Assignment*  
*Page 2 of 2*

*Attorney Docket No. 141841.00104 (2191-MISC-US)*

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NAME OF FIRST INVENTOR	ZHONGHAI SHI
SIGNATURE OF FIRST INVENTOR	_____
DATE	_____

NAME OF SECOND INVENTOR	VINCE DEEMS
SIGNATURE OF SECOND INVENTOR	
DATE	5/29/2014

NAME OF THIRD INVENTOR	HONG TIAN
SIGNATURE OF THIRD INVENTOR	_____
DATE	_____