504490339 08/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4537041

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOSHE AGAM	08/01/2017
JOHAN CAMIEL JULIA JANSSENS	08/02/2017
JAROSLAV PJENCAK	08/02/2017
THIERRY YAO	08/04/2017
MARK GRISWOLD	08/03/2017
WEIZE CHEN	08/03/2017

RECEIVING PARTY DATA

Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
Street Address:	5005 E. MCDOWELL ROAD
Internal Address:	MAILDROP A700
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85008

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15669579

CORRESPONDENCE DATA

Fax Number: (602)244-3169

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.

Phone: 6022443574

Email: patents@onsemi.com

Correspondent Name: SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

Address Line 1: 5005 E. MCDOWELL ROAD

Address Line 2: MAILDROP A700

Address Line 4: PHOENIX, ARIZONA 85008

ATTORNEY DOCKET NUMBER:	ONS02440US
NAME OF SUBMITTER:	SHARRON CASTILLO
SIGNATURE:	/Sharron Castillo/
DATE SIGNED:	08/04/2017

504490339 REEL: 043207 FRAME: 0625

Total Attachments: 10 source=ONS02440US_20170804_Assignment#page1.tif source=ONS02440US_20170804_Assignment#page2.tif source=ONS02440US_20170804_Assignment#page3.tif source=ONS02440US_20170804_Assignment#page4.tif source=ONS02440US_20170804_Assignment#page5.tif source=ONS02440US_20170804_Assignment#page6.tif source=ONS02440US_20170804_Assignment#page7.tif source=ONS02440US_20170804_Assignment#page8.tif source=ONS02440US_20170804_Assignment#page9.tif source=ONS02440US_20170804_Assignment#page9.tif source=ONS02440US_20170804_Assignment#page9.tif

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

Name of (City and State OR Country)

MOSHE AGAM PORTLAND, OREGON US

JOHAN CAMIEL JULIA JANSSENS ASSE BELGIUM

JAROSŁAV PJENCAK DOLNÍ BEČVA CZECH REPUBLIC

THIERRY YAO PORTLAND, OREGON
MARK GRISWOLD GILBERT, ARIZONA US
WEIZE CHEN PHOENIX, ARIZONA US

agree to sell, assign, and transfer, and do hereby sell, assign, and transfer to Semiconductor Components Industries, LLC, a limited liability company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives ("SCI"), the entire right, title, and interest in and to the inventions and discoveries as described, Illustrated, and/or claimed in

Title: ISOLATION STRUCTURE FOR SEMICONDUCTOR DEVICE HAVING SELF-BIASING BURIED LAYER AND METHOD THEREFOR

Attorney Docket No.: ONS02440US

Serial No.: ____15/669579

Filing Date: August 4, 2017

together with the entire right, title, and interest in and to the above listed application(s), and in and to any and all provisional, non-provisional, divisional, continuation, continuation-in-part, international, foreign, and any and all other applications related thereto, and also including any and all grants, issuances, letters patent, reissues, reexaminations, renewals, priority rights, and priority claims related to any of the foregoing, and any and all rights to collect past damages for infringement of any of the foregoing (the "Patent Rights").

We further authorize SCI to apply for and hold and maintain the Patent Rights throughout the world directly in its own name or any other name which SCI deems appropriate in its sole discretion, and to claim the priority of the filing date of the above listed application(s).

We agree that, when requested, we will, without charge to SCI, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing, maintaining, and enforcing the Patent Rights in any and all countries and for vesting title thereto in SCI or its nominees.

We represent and warrant that we have full right to convey the entire right, title and interest herein sold, assigned, and transferred, and that the Patent Rights hereby conveyed are free from all prior assignment, grant, mortgage, license, or other encumbrance to anyone other than SCI. We covenant and further warrant that we will not convey hereafter any part of the Patent Rights to anyone other than SCI or do any act whatsoever conflicting with this ASSIGNMENT & AGREEMENT.

We hereby authorize SCI or anyone it may properly designate to insert in this ASSIGNMENT & AGREEMENT the filing date and serial number of the above listed application(s) when ascertained. More than one counterpart of this ASSIGNMENT & AGREEMENT may be executed, each of which will be deemed an original.

M 65	he t	9 9a	W							
Moshe Aga	ım	0								
State of Ore	egon)								
County of <u>I</u>	<u>Nultnom</u>	iah)								
On thislidentity was	s proven	to me on	the basis of		/ evide	nce to be	the pe	, MOSHE rson who	AGA he/ş	.M, whose phe claims to
(seal)		OHE NOT/ COM	OFFICIAL STA RYL RENEE ARY PUBLIC-O MISSION NO.	REGON 921177	(Not	<u>her</u>	jL_	Rene	<u></u>	Cuy

By (Inventor signature):
Johan Camiel Julia Janssens
Witnessed by (Witness signature):
Printed name of Witness: BART CREMERS
Signed and Witnessed on (date): AUGUST2, 2017

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

Name of (City and State OR Country)

MOSHE AGAM PORTLAND, OREGON US

JOHAN CAMIEL JULIA JANSSENS ASSE BELGIUM

JAROSLAV PJENCAK DOLNÍ BEČVA CZECH REPUBLIC

THIERRY YAO PORTLAND, OREGON
MARK GRISWOLD GILBERT, ARIZONA US
WEIZE CHEN PHOENIX, ARIZONA US

agree to sell, assign, and transfer, and do hereby sell, assign, and transfer to Semiconductor Components Industries, LLC, a limited liability company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives ("SCI"), the entire right, title, and interest in and to the inventions and discoveries as described, illustrated, and/or claimed in

Title: ISOLATION STRUCTURE FOR SEMICONDUCTOR DEVICE HAVING SELF-BIASING BURIED LAYER AND METHOD THEREFOR

Attorney Docket No.: ONS02440US

Serial No.: 15/669579

Filing Date: August 4, 2017

together with the entire right, title, and interest in and to the above listed application(s), and in and to any and all provisional, non-provisional, divisional, continuation, continuation-in-part, international, foreign, and any and all other applications related thereto, and also including any and all grants, issuances, letters patent, reissues, reexaminations, renewals, priority rights, and priority claims related to any of the foregoing, and any and all rights to collect past damages for infringement of any of the foregoing (the "Patent Rights").

We further authorize SCI to apply for and hold and maintain the Patent Rights throughout the world directly in its own name or any other name which SCI deems appropriate in its sole discretion, and to claim the priority of the filing date of the above listed application(s).

We agree that, when requested, we will, without charge to SCI, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing, maintaining, and enforcing the Patent Rights in any and all countries and for vesting title thereto in SCI or its nominees.

We represent and warrant that we have full right to convey the entire right, title and interest herein sold, assigned, and transferred, and that the Patent Rights hereby conveyed are free from all prior assignment, grant, mortgage, license, or other encumbrance to anyone other than SCI. We covenant and further warrant that we will not convey hereafter any part of the Patent Rights to anyone other than SCI or do any act whatsoever conflicting with this ASSIGNMENT & AGREEMENT.

We hereby authorize SCI or anyone it may properly designate to insert in this ASSIGNMENT & AGREEMENT the filing date and serial number of the above listed application(s) when ascertained. More than one counterpart of this ASSIGNMENT & AGREEMENT may be executed, each of which will be deemed an original.

ASSIGNMENT & AGREEMENT ONS02440US

By (Inventor signature):	- Zeige (
- 1 N - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Jaroslav Pjencak	
Witnessed by (Witness sig	nature):	***************************************
Printed name of Witness:	FILIP KUDRWA	***************************************
Signed and Witnessed on	(date): <u>Aug - O2 - 2017</u>	

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

MOSHE AGAM
PORTLAND, OREGON US
JOHAN CAMIEL JULIA JANSSENS
JAROSLAV PIENCAK
DOLNÍ BEČVA CZECH REPUBLIC
THIERRY YAO
PORTLAND, OREGON
MARK GRISWOLD
GILBERT, ARIZONA US

PHOENIX, ARIZONA US

agree to sell, assign, and transfer, and do hereby sell, assign, and transfer to Semiconductor Components Industries, LLC, a limited liability company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives ("SCI"), the entire right, title, and interest in and to the inventions and discoveries as described, illustrated, and/or claimed in

Title: ISOLATION STRUCTURE FOR SEMICONDUCTOR DEVICE HAVING SELF-BIASING BURIED LAYER AND METHOD THEREFOR

Attorney Docket No.: ONS02440US

WEIZE CHEN

Serial No.: 15669579

Filing Date: August 4, 2017

together with the entire right, title, and interest in and to the above listed application(s), and in and to any and all provisional, non-provisional, divisional, continuation, continuation-in-part, international, foreign, and any and all other applications related thereto, and also including any and all grants, issuances, letters patent, reissues, reexaminations, renewals, priority rights, and priority claims related to any of the foregoing, and any and all rights to collect past damages for infringement of any of the foregoing (the "Patent Rights").

We further authorize SCI to apply for and hold and maintain the Patent Rights throughout the world directly in its own name or any other name which SCI deems appropriate in its sole discretion, and to claim the priority of the filing date of the above listed application(s).

We agree that, when requested, we will, without charge to SCI, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing, maintaining, and enforcing the Patent Rights in any and all countries and for vesting title thereto in SCI or its nominees.

We represent and warrant that we have full right to convey the entire right, title and interest herein sold, assigned, and transferred, and that the Patent Rights hereby conveyed are free from all prior assignment, grant, mortgage, license, or other encumbrance to anyone other than SCI. We covenant and further warrant that we will not convey hereafter any part of the Patent Rights to anyone other than SCI or do any act whatsoever conflicting with this ASSIGNMENT & AGREEMENT.

We hereby authorize SCI or anyone it may properly designate to insert in this ASSIGNMENT & AGREEMENT the filing date and serial number of the above listed application(s) when ascertained. More than one counterpart of this ASSIGNMENT & AGREEMENT may be executed, each of which will be deemed an original.

Thiefry Yao

State of Oregon
)
County of Multnomer)

On this $\underline{\mathcal{H}}$ day of $\underline{\mathcal{H}}$ day of $\underline{\mathcal{H}}$ 2017, before me personally appeared, THIERRY YAO, whose identity was proven to me on the basis of satisfactory evidence to be the person who he/she claims to be, and acknowledged that he/she signed the above/attached document.

(seal)

OFFICIAL STAMP
CHERYL RENEE CRUZ
NOTARY PUBLIC-OREGON
COMMISSION NO. 921 177
MY COMMISSION EXPIRES OCTOBER 21, 2017

Cheryl Renee Cury

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

Name of (City and State OR Country)

MOSHE AGAM PORTLAND, OREGON US

JOHAN CAMIEL JULIA JANSSENS ASSE BELGIUM

JAROSLAV PJENCAK DOLNÍ BEČVA CZECH REPUBLIC

THIERRY YAO PORTLAND, OREGON

MARK GRISWOLD GILBERT, ARIZONA US

WEIZE CHEN PHOENIX, ARIZONA US

agree to sell, assign, and transfer, and do hereby sell, assign, and transfer to Semiconductor Components Industries, LLC, a limited liability company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives ("SCI"), the entire right, title, and interest in and to the inventions and discoveries as described, illustrated, and/or claimed in

Title: ISOLATION STRUCTURE FOR SEMICONDUCTOR DEVICE HAVING SELF-BIASING BURIED LAYER AND METHOD THEREFOR

Attorney Docket No.: ONS02440US

Serial No.: 15/669579

Filing Date: August 4, 2017

together with the entire right, title, and interest in and to the above listed application(s), and in and to any and all provisional, non-provisional, divisional, continuation, continuation-in-part, international, foreign, and any and all other applications related thereto, and also including any and all grants, issuances, letters patent, reissues, reexaminations, renewals, priority rights, and priority claims related to any of the foregoing, and any and all rights to collect past damages for infringement of any of the foregoing (the "Patent Rights").

We further authorize SCI to apply for and hold and maintain the Patent Rights throughout the world directly in its own name or any other name which SCI deems appropriate in its sole discretion, and to claim the priority of the filing date of the above listed application(s).

We agree that, when requested, we will, without charge to SCI, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing, maintaining, and enforcing the Patent Rights in any and all countries and for vesting title thereto in SCI or its nominees.

We represent and warrant that we have full right to convey the entire right, title and interest herein sold, assigned, and transferred, and that the Patent Rights hereby conveyed are free from all prior assignment, grant, mortgage, license, or other encumbrance to anyone other than SCI. We covenant and further warrant that we will not convey hereafter any part of the Patent Rights to anyone other than SCI or do any act whatsoever conflicting with this ASSIGNMENT & AGREEMENT.

We hereby authorize SCI or anyone it may properly designate to insert in this ASSIGNMENT & AGREEMENT the filing date and serial number of the above listed application(s) when ascertained. More than one counterpart of this ASSIGNMENT & AGREEMENT may be executed, each of which will be deemed an original.

Mark Griswold

State of Arizona

County of Maricopa

On this 3rd day of August 2017, before me personally appeared, MARK GRISWOLD, whose identity was proven to me on the basis of satisfactory evidence to be the person who he/she claims to be, and acknowledged that he/she signed the above/attached document.

(seal)

SHARRON CASTILLO
Notary Public - State of Arizona
MARICOPA COUNTY
My Commission Expires
March 26, 2019

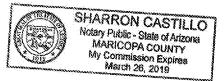
Weize Chen

State of Arizona

County of Maricopa

2017, before me personally appeared, WEIZE CHEN, whose identity was proven to me on the basis of satisfactory evidence to be the person who he/she claims to be, and acknowledged that he/she signed the above/attached document.

(seal)



RECORDED: 08/04/2017