

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALI SALIH	11/11/2016
GORDON M. GRIVNA	11/02/2016
OSAMU ISHIMARU	11/04/2016
THOMAS KEENA	11/02/2016
MASAFUMI UEHARA	11/04/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
<b>Street Address:</b>	5005 E. MCDOWELL ROAD
<b>Internal Address:</b>	MAILDROP A700
<b>City:</b>	PHOENIX
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85008
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15349162
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(602)244-3169
<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>	6022443574
<b>Email:</b>	patents@onsemi.com
<b>Correspondent Name:</b>	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
<b>Address Line 1:</b>	5005 E. MCDOWELL ROAD
<b>Address Line 2:</b>	MAILDROP A700
<b>Address Line 4:</b>	PHOENIX, ARIZONA 85008
<b>ATTORNEY DOCKET NUMBER:</b>	ONS02239
<b>NAME OF SUBMITTER:</b>	SHARRON CASTILLO
<b>SIGNATURE:</b>	/Sharron Castillo/
<b>DATE SIGNED:</b>	11/11/2016

**Total Attachments: 8**

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# ASSIGNMENT & AGREEMENT

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

Name	(City and State OR Country)
Ali Salih	Mesa, Arizona US
Gordon M. Grivna	Mesa, Arizona US
Daniel R. Huettl	Gilbert, Arizona US
Osamu Ishimaru	Chiyagawa, Ojiva JP
Thomas Keena	Gilbert, Arizona US
Masafumi Uehara	Yorikido, Oizumi-machi JP

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: MONOLITHIC SERIES SWITCHING SEMICONDUCTOR DEVICE HAVING LOW-RESISTANCE SUBSTRATE CONTACT STRUCTURE AND METHOD**

Attorney Docket No.: ONS02239

Serial No.: US 15/349162

Filing Date: November 11, 2016

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").

# 譲渡及び契約書

適正・相当な対価を受領しており、それが十分な対価であることを認めた上で、我々こと

(市及び州又は国)	の(氏名)
Ali Salih	Mesa, Arizona US
Gordon M. Grivna	Mesa, Arizona US
Daniel R. Huettl	Gilbert, Arizona US
Osamu Ishimaru	Chiyagawa, Ojiva JP
Thomas Keena	Gilbert, Arizona US
Masafumi Uehara	Yorikido, Oizumi-machi JP

は、以下に説明、図解、及び/又は、請求された発明及び発見に対する全ての権利、所有権及び利益を売却、譲渡することに同意し、デラウェア州の有限会社であり本社をアメリカ合衆国アリゾナ州フェネックスに置く Semiconductor Components Industries, LLC、その承継人、譲受人及び法定代理人（以下「SCI」）に売却及び譲渡を行うものである。

**所有権: MONOLITHIC SERIES SWITCHING SEMICONDUCTOR DEVICE HAVING LOW-RESISTANCE SUBSTRATE CONTACT STRUCTURE AND METHOD**

代理人明細書番号: ONS02239

シリアル番号: US 15/349162

申請日: November 11, 2016

これには、上記にリストされた申請、及び全ての仮の、非仮の、分割の、継続の、一部継続の、国際の、外国の申請、及びそれに関連するその他の申請に対する全ての権利、所有権、利益に加え、前述のいずれの許諾、発行、特許証、再発行、再審査、更新、優先権、優先権の主張及び前述のいずれの侵害のため過去の損害賠償を得る権利全て（以下「特許権」）を含んでいる。

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.

我々は、SCI に、自己の名で又は SCI が単独の裁量で適切とみなすその他の名称で、直接世界に特許権を申請し、保有し、維持すること、及び、上記にリストされた申請に関する申請日の優先権を主張する権利を許諾する。

我々は、要求された場合、我々が、SCI に請求することなく、全ての文書に署名をし、全ての正当な宣誓をし、SCI 又はその使命者が所有権を受けるため、及び全ての国々での特許権を、確保、維持、実行するため必要である、望ましい、又は便宜的であろう全ての行為を行うことに同意する。

我々は、我々が、ここにおいて売却され、譲渡される全ての権利、所有権、利益を行う完全な権利を保有し、ここにおいて譲渡される特許権は、SCI 以外のいずれの者に対して、事前の契約、許諾、抵当権、ライセンス又はその他いかなる負担が無いことを表明し、保証する。我々は、我々が、今後、SCI 以外のいずれの者に対しても特許権の一部を譲渡しないこと、又は、本譲渡及び契約書に抵触するものは如何なること行なわないことを誓約し、保証する。

我々は、確認できる場合、上記にリストされた申請の申請日及びシリアル番号を本譲渡及び契約書に記入することを、SCI 又は適切に指定することができる何れかの者に対し、許可するものとする。本譲渡及び契約書の副本 1 通以上で締結することができ、それぞれは、原本とみなされるものとする。

*Ali Salih*

Ali SALIH

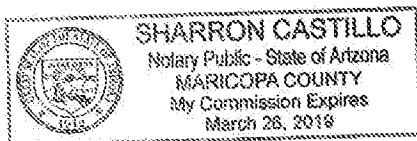
State of Arizona )

)

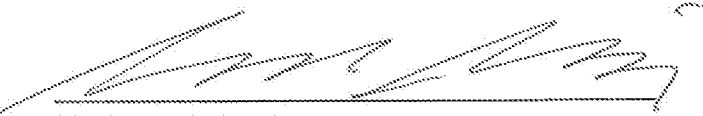
County of Maricopa )

On this 11<sup>th</sup> day of November, 2016, before me personally appeared Ali SALIH, 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)



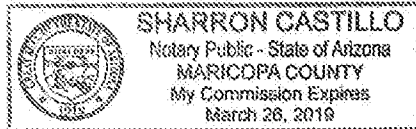
*Sharron Castillo*  
Notary Public

  
Gordon M. GRIVNA

State of Arizona       )  
                                  )  
County of Maricopa    )

On this 2nd day of November, 2016, before me personally appeared **Gordon M. GRIVNA**, 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)



  
Notary Public

Notary Public

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譲渡及び契約書  
ONS02239

By (Inventor signature):

署名欄(発明者の署名): Osamu Ishimaru  
Osamu ISHIMARU

Witnessed by (Witness signature):

立会人署名欄(立会人の署名): Masaki Ishizaka

Printed name of Witness:

立会人の活字体氏名: Masaki Ishizaka

Signed and Witnessed on (date):

署名及び認証日: November 4th 2016





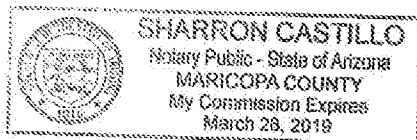
Thomas KEENA

State of Arizona )

County of Maricopa )

On this 2<sup>nd</sup> day of November, 2016, before me personally appeared **Thomas KEENA**, 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)



Notary Public

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ONS02239

By (Inventor signature):

署名欄(発明者の署名): Masafumi Uehara

Masafumi UEHARA

Witnessed by (Witness signature):

立会人署名欄(立会人の署名): Yoshiaki Sano

Printed name of Witness:

立会人の活字体氏名: Yoshiaki Sano

Signed and Witnessed on (date):

署名及び認証日: November 4th, 2016