504242541 02/23/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DA							
			Name	Execution Date			
YUSHENG LIN				02/21/2017			
ROGER PAUL STOUT	02/21/2017						
CHEE HIONG CHEW	02/22/2017						
SADAMICHI TAKAKUSA	02/23/2017						
FRANCIS J. CARNEY	02/23/2017						
RECEIVING PARTY DA	ТА						
Name:	SEMIC	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC					
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City:	PHOEN	PHOENIX					
State/Country:	ARIZOI	ARIZONA					
Postal Code:	85008						
PROPERTY NUMBERS	Total: 1						
Property Type			Number				
Application Number:		1544	0967				
CORRESPONDENCE D		(000)	044 0100				
Fax Number:		• •	244-3169 e-mail address first; if that is uns	uccessful, it will be sent			
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ATTORNEY DOCKET NU	MBER:		ONS01636PD01US				
NAME OF SUBMITTER:			SHARRON CASTILLO				
SIGNATURE:			/Sharron Castillo/				

02/23/2017

DATE SIGNED:

Total Attachments: 7	
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For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

Name	(City and State OR Country)		
Yusheng Lin	Phoenix, Arizona US		
Roger Paul Stout	Chandler, Arizona US		
Chee Hiong Chew	Seremban, N.S. MY		
Sadamichi Takakusaki	Ota, Gunma JP		
Francis J. Carney	Mesa, 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: SUBSTRATE STRUCTURES AND METHODS OF MANUFACTURE

Attorney Docket No.: ONS01636PD01US

Serial No.: US 15/440967

Filing Date: February 23, 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").

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)		
Yusheng Lin	Phoenix, Arizona US		
Roger Paul Stout	Chandler, Arizona US		
Chee Hiong Chew	Seremban, N.S. MY		
Sadamichi Takakusaki	Ota, Gunma JP		
Francis J. Carney	Mesa, Arizona US		

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所有權: SUBSTRATE STRUCTURES AND METHODS OF MANUFACTURE

代理人明細審番号: ONS01636PD01US

シリアル番号: US_____15/440967

申請曰: February 23, 2017

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。

PATENT REEL: 041362 FRAME: 0240 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。

> PATENT REEL: 041362 FRAME: 0241

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Yusheng LIN

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State of Arizona County of Maricopa

On this $\frac{2}{\sqrt{2}}$ day of $\frac{\sqrt{2}}{\sqrt{2}}$, 2017, before me personally appeared Yusheng LIN, 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)



harm Sattle

Notary Public

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Roger Paul STOUT

State of Arizona

County of Maricopa

On this 21^{st} day of fabruary, 2017, before me personally appeared **Roger Paul STOUT**, 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)



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Notary Public

<u>e#; 150601v</u>£ PATENT REEL: 041362 FRAME: 0243

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8y (inventor signature): 署名欄 (発明者の署名)。	fol-	
Chee Hion	g CHEW	
Witnessed by (Witness signature): 立会人書名欄(立会人の署名):		
Printed name of Witness: 立会人の活字体氏名:ズズ	HAR ARIAN	
Signed and Witnessed on (date): 署名及び認証日:2	2 Feb 2017	

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By (Inventor signature): 署名欄 (発明者の署名):〉	adamicho	Takakus	alci
, . , , ,	chi TAKAKUSAKI		
Witnessed by (Witness signature)。 立会人書名様(立会人の署名):	: <i></i>	actini	
Printed name of Witness: 立会人の活字体氏名:/	<u>sac</u> 2	<u>chiai</u>	
Signed and Witnessed on (date): 署名及び認証日:	Feb 23 ,	2017	

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Dec#: 150601v1

PATENT REEL: 041362 FRAME: 0245

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Francis J. CARNEY

State of Arizona

County of Maricopa

On this $\frac{23}{6}$ day of $\frac{1}{100}$ day of \frac{1}{100} day of $\frac{1}{100}$ day of \frac{1}{100} day of $\frac{1}{100}$ day of \frac{1}{100} day of \frac{

(seal)



Notary Public