504840464 03/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY D	ΑΤΑ						
			Name		Execution Date		
GORDON M. GRIVNA					03/21/2018		
HOU NION CHAN					03/23/2018		
RECEIVING PARTY DA							
I			UCTOR COMPONENTS INDUST	RIES	, LLC		
Street Address:	5005 E	. MCI	DOWELL ROAD				
Internal Address:	MAILD	ROP	A700				
City:	PHOE	PHOENIX					
State/Country:	ARIZO	ARIZONA					
Postal Code:	85008						
Application Number:15		1593	8115				
PROPERTY NUMBERS Total: 1 Property Type			Number	7			
	ΑΤΑ						
Fax Number:		• •	244-3169				
			e-mail address first; if that is un hat is unsuccessful, it will be se				
		•	2443574				
		pater	ents@onsemi.com				
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Address Line 4:		PHO	ENIX, ARIZONA 85008				
ATTORNEY DOCKET NUMBER:		ONS02533US					
NAME OF SUBMITTER:		SHARRON CASTILLO					
SIGNATURE:		/Sharron Castillo/					
DATE SIGNED:		03/28/2018					
Total Attachments: 4							
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PATENT REEL: 045371 FRAME: 0090

ASSIGNMENT & AGREEMENT

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

Name	of (City and State OR Country)
CORDON NA CRIMINA	34555 ADIZONA US

GORDON IN. GRIVINA	IVIESA, ARIZONA US
HOU NION CHAN	IPOH MALAYSIA

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: METHOD OF SEPARATING A BACK LAYER ON A SUBSTRATE USING EXPOSURE TO REDUCED TEMPERATURE AND RELATED APPARATUS

Attorney Docket No.: ONS02533US

Serial No.: 15/938115

Filing Date: March 28, 2018

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.

PATENT REEL: 045371 FRAME: 0091

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Gordon M. Grivna

State of Arizona

County of Maricopa

On this $\frac{21^{st}}{M_{a.r.c.h.}}$, 2018, 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)

SHARRON CASTILLO Notary Prublic - State of Arizona MARICOPA COUNTY My Commission Expires Merch 26, 2019

Shawon Contello

Notary Public

ASSIGNMENT & AGREEMENT

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

Name	of (City and State OR Country)
GORDON M. GRIVNA	MESA. ARIZONA US
HOU NION CHAN	IPOH MALAYSIA

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

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PATENT REEL: 045371 FRAME: 0093

By (Inventor signature):
Hou Niến Chan
Witnessed by (Witness signature):
Printed name of Witness: Palack TOUBIN
Signed and Witnessed on (date): 23 rd of Narch 2018

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