

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4468187

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOHAMMED TANVIR QUDDUS	03/02/2015
MIHIR MUDHOLKAR	03/02/2015
MICHAEL THOMASON	03/05/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
<b>Street Address:</b>	5005 E. MCDOWELL RD.
<b>Internal Address:</b>	MD 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>
<b>Application Number:</b>	15627281
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	602-244-6648
<b>Email:</b>	patents@onsemi.com
<b>Correspondent Name:</b>	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
<b>Address Line 1:</b>	5005 E. MCDOWELL ROAD, MAILDROP A700
<b>Address Line 4:</b>	PHOENIX, ARIZONA 85008
<b>NAME OF SUBMITTER:</b>	BECKY NEWNAM
<b>SIGNATURE:</b>	/Becky Newnam/
<b>DATE SIGNED:</b>	06/20/2017
<b>Total Attachments: 4</b>	
source=ONS01841D01US_20170619_Assignment#page1.tif	
source=ONS01841D01US_20170619_Assignment#page2.tif	
source=ONS01841D01US_20170619_Assignment#page3.tif	
source=ONS01841D01US_20170619_Assignment#page4.tif	

**ASSIGNMENT & AGREEMENT**

ONS01841

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

<u>Name</u>	<u>of (City and State/Country)</u>
Mohammed Tanvir QUDDUS	Chandler, Arizona USA
Mihir MUDHOLKAR	Tempe, Arizona USA
Michael THOMASON	Blackfoot, Idaho USA

have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto Semiconductor Components Industries, LLC (SCI), 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, the entire right, title, and interest in and to certain inventions relating to improvements in

**TRENCH SEMICONDUCTOR DEVICE HAVING MULTIPLE TRENCH DEPTHS AND METHOD**

Attorney Docket No. ONS01841

described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation, or reissue thereof.

We hereby also sell, assign, and transfer unto SCI, 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 inventions and the applications for Letters Patent in foreign countries, and we further authorize SCI to apply for Letters Patent in foreign countries directly in its own name, and to claim the 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.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, or reissue, to SCI, for the sole use and behalf of SCI, 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 us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to SCI.

We agree that, when requested, we will, without charge to SCI, 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 SCI, its successors, assigns, and legal representatives or nominees.

We covenant with SCI, 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.

Tanvir Quddus

Mohammed Tanvir QUDDUS

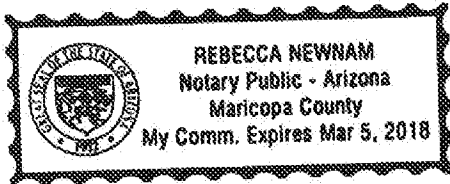
State of Arizona       )  
  )  
County of Maricopa    )


On this 2<sup>nd</sup> day of March, 2015, before me personally appeared **Mohammed Tanvir QUDDUS**, 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.

Rebecca Newnam

Notary Public

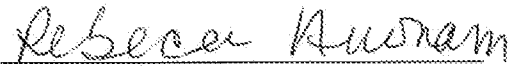
(seal)



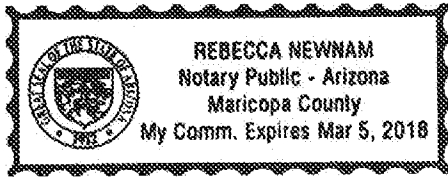
  
\_\_\_\_\_  
Mihir MUDHOLKAR


State of Arizona        )  
                                  )  
County of Maricopa    )

On this 2nd day of March, 2015, before me personally appeared Mihir MUDHOLKAR, 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.

  
\_\_\_\_\_  
Notary Public

(seal)

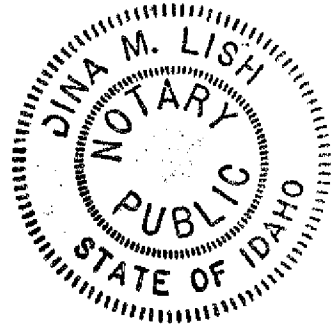



  
Michael THOMASON

State of Idaho )  
County of Banner )

On this 5 day of March, 2015, before me personally appeared **Michael THOMASON**, 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