

## 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>
	KUAN-YU CHEN	04/12/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.	
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<b>City:</b>	HSIN-CHU	
<b>State/Country:</b>	TAIWAN	
<b>Postal Code:</b>	300-77	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14833259
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<b>ATTORNEY DOCKET NUMBER:</b>	24061.1346US02	
<b>NAME OF SUBMITTER:</b>	DAVID M. O'DELL	
<b>SIGNATURE:</b>	/DAVID M. O'DELL/	
<b>DATE SIGNED:</b>	05/01/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 1</b>		
source=Declaration (for Assignment)#page1.tif		

**INVENTORS' DECLARATION FOR  
PATENT APPLICATION**

As below named inventor, I hereby declare that:

The below-mentioned application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the below-mentioned application.

**METHOD FOR INCORPORATING IMPURITY ELEMENT IN  
EPI SILICON PROCESS**

the specification of which (check one):

\_\_\_\_\_ is attached hereto.

  X   was filed on August 24, 2015  
under Attorney's Docket Number P20090389US01 / 24061.1346US02  
as Application Serial No. 14/833,259.

I hereby authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with 37 CFR 1.56, material information which became available between the filing date of the application and issuance thereof, including any continuation, divisional and/or continuation-in-part.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

FULL NAME OF INVENTOR: KUAN-YU CHEN

INVENTOR'S SIGNATURE: Kuan-Yu Chen

DATED: 2/6/4/12