504112667 11/28/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHEN-HUA YU	11/21/2016
JING-CHENG LIN	11/22/2016
PO-HAO TSAI	11/22/2016
AN-JHIH SU	11/22/2016

RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
Street Address:	NO. 8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300-78

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15362690

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 252011-6200

NAME OF SUBMITTER: DANIEL R. MCCLURE

SIGNATURE: /Daniel R. McClure/

DATE SIGNED: 11/28/2016

Total Attachments: 2

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PATENT 504112667 REEL: 040435 FRAME: 0216

ASSIGNMENT

WHEREAS, Chen-Hua YU, Jing-Cheng L	IN, Po-Hao TSAI, and An-Jhih SU			
	have invented certain new and useful improvements as			
described and set forth in the below identif	fied application for United States Letters Patent:			
Title: CHIP PACKAGE STRUCTURE AND METHOD FOR FORMING THE SAME				
Filed:	Serial No.			
Executed on:				
WHEREAS, Taiwan Semiconductor Man	ufacturing Co., Ltd., of No. 8, Li-Hsin Rd. 6, Hsinchu			
Science Park, Hsinchu 300-78, Taiwan R.	O.C., hereinafter referred to as ASSIGNEE, is desirous			

of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

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PATENT REEL: 040435 FRAME: 0217

Patent which may be granted on the same;

ASSIGNMENT

11/21/16	of	
Date	Name: Chen-Hua YU	(Last name: YU)
Date / 72 7116	Name: Ing-Cheng LIN	(Last name: LIN)
Nov. 22,2016 Date	Po-Hav Sai Name: Po-Hao TSAI	(Last name: TSAI)
11/2> /2016 Date	HA-Jhih Su Name: An-Jhih SU	(Last name: SU)