502900173 07/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT2946770 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAN-WEI YANG	06/30/2014
CHEN-CHUNG LAI	06/30/2014
SONG-BOR LEE	06/30/2014

RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD
Street Address:	NO.8, LI-HSIN ROAD. 6, SCIENCE-BASED INDUSTRIAL PARK
City:	HSIN-CHU
State/Country:	TAIWAN
Postal Code:	300-77

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14323496

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	0941-2994PUS1
NAME OF SUBMITTER:	BRIAN MUKURIA
SIGNATURE:	/brian.mukuria/
DATE SIGNED:	07/21/2014

Total Attachments: 2

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PATENT 502900173 REEL: 033353 FRAME: 0230

ASSIGNMENT

WHEREAS, Han-Wei YANG, Chen-Chung LAI, and Song-Bor LEE

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hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: SEMICONDUCTOR STRUCTURE AND METHOD FOR FORMING THE SAME

Filed:	July 3, 2014	Serial No.	14/323,496
Executed on	: Iune 30, 2014		VIEW STATE ALL AND STATE

WHEREAS, <u>Taiwan Semiconductor Manufacturing Co., Ltd.</u> of <u>No.8, Li-Hsin Road. 6</u>, <u>Science-Based Industrial Park. Hsin-Chu, Taiwan 300-77, R.O.C.</u> hereinafter referred to as ASSIGNEES, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

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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ASSIGNMENT

Date 14,6/20	Name: Han-Wei YANG	(Last name: YANG) Han-Wei	- Yang
Date > 14. 6. 30	Name: Chen-Chung LAI	(Last name: LAI)	Chen-Chung	-CAI
				ţ
Date 2016. 6. 3	Name: Song-Bor LEE	(Last name: LEE)	Conghor. L	ee

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RECORDED: 07/21/2014