## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
YUAN-TAI TSENG	09/25/2013
MING-CHYI LIU	09/25/2013
CHUNG-YEN CHOU	09/25/2013
CHIA-SHIUNG TSAI	09/25/2013

## **RECEIVING PARTY DATA**

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State/Country:	TAIWAN
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14044979

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	252011-4660
NAME OF SUBMITTER:	DANIEL R. MCCLURE
Signature:	/Daniel R. McClure/

502519300 REEL: 031336 FRAME: 0296

OP \$40,00 14044979

Date:	10/03/2013
Total Attachments: 2 source=00100425#page1.tif source=00100425#page2.tif	

PATENT REEL: 031336 FRAME: 0297

#### ASSIGNMENT

WHEREAS, Yuan-Tai TSENG, Ming-Chyi LIU, Chung-Yen CHOU, and Chia-Shiung TSAI 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: INDU	CTOR	STRUCTURE	WITH	MAGNET	ric	MATE	RIA	L ANI	) METE	IOD :	FOR
FORMING T	THE SA	AME									-
Filed:			,	Serial N	0,						
Executed on:	~~~~										
×											
WHEREAS,	Taiwa	n Semiconducte	or Man	ufacturing	Co.	. Ltd.	of	No.8,	Li-Hsin	Road	d. 6,

WHEREAS, <u>Taiwan Semiconductor Manufacturing Co.</u>, <u>Ltd.</u>, of <u>No.8</u>, <u>Li-Hsin Road. 6</u>, <u>Science-Based Industrial Park</u>, <u>Hsin-Chu</u>, <u>Taiwan 300-77</u>, <u>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.

# ASSIGNMENT

1 2017/09/25	1 Just	Tay
Date	Name: Yuan-Tai TSENG	(Last name: TSENG)
V_7013/9/25	Ming-Chy L Name: Ming-Chyi LIU	(Last name: LIU)
√_>013/9/25 Date	Chung-Yen	
	Name: Chung-Yen CHOU  Chia Shi ny	
Date	Name: Chia-Shiung TS XI	(Last name: TSAI)