

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHARLES CHEW-YUEN YOUNG	05/06/2016
CHIH-LIANG CHEN	05/05/2016
CHIH-MING LAI	05/12/2016
JIANN-TYNG TZENG	05/06/2016
SHUN-LI CHEN	05/06/2016
KAM-TOU SIO	05/10/2016
SHIH-WEI PENG	05/10/2016
CHUN-KUANG CHEN	05/12/2016
RU-GUN LIU	05/12/2016
RECEIVING PARTY DATA	
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
Street Address:	NO. 8, LI-HSIN RD.6
Internal Address:	SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15159692
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	T1516.10329US02

PATENT

NAME OF SUBMITTER:	R. BURNS ISRAELSEN
SIGNATURE:	/R. Burns Israelsen Reg. No. 42685/
DATE SIGNED:	05/20/2016
Total Attachments: 3 source=T1516-10329US02-Assignment#page1.tif source=T1516-10329US02-Assignment#page2.tif source=T1516-10329US02-Assignment#page3.tif	

NP-17280-US/P20140250US01

Inventor(s)-to-Assignee

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) _____
STRUCTURE AND METHOD FOR SEMICONDUCTOR DEVICE

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- ☐ U.S. patent application Serial No. _____, filed _____
- ☐ a U.S. patent application based on PCT International Application No. _____ filed on (date) _____ (U.S. patent application Serial No. _____, if known).
- ☐ U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only.
- ☐ Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
 (Address) NO.8, LI-HSIN RD.6, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN 300, R.O.C.

The ASSIGNEE is:

- (check one) ☐ An individual.
- ☐ A Partnership.
- ☒ A Corporation of TAIWAN, R.O.C. (specify state or country)
- ☐ (other) _____

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;
 the entire right, title and interest in and to the PATENT RIGHTS;
 the right to sue and recover for any past infringement; and
 the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO
 ASSIGNEE: TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.

INVENTION TITLE:

STRUCTURE AND METHOD FOR SEMICONDUCTOR DEVICE

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Charles Chew-Yuen YOUNG

Name of sole or first inventor

Cell
Signature

05/06/2016
Date

Chih-Liang CHEN

Name of second inventor, if any

Chih-Liang Chen
Signature

2016/05/05
Date

Chih-Ming LAI

Name of third inventor, if any

Chih-Ming Lai
Signature

2016/05/12
Date

Jiann-Tyng TZENG

Name of fourth inventor, if any

Jiann-Tyng Tzeng
Signature

2016/5/16
Date

Shun-Li CHEN

Name of fifth inventor, if any

Shun-Li CHEN
Signature

2016/5/16
Date

Kam-Tou SIO

Name of sixth inventor, if any

Kam-Tou Sio
Signature

2016/5/16
Date

Shih-Wei PENG

Name of seventh inventor, if any

Shih-Wei PENG
Signature

2016/5/16
Date

Chun-Kuang CHEN

Name of eighth inventor, if any

Chun-Kuang Chen

Signature

2016.5.12

Date

Ru-Gun LIU

Name of ninth inventor, if any

Ru-Gun Liu

Signature

2016.5.12

Date