PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHING-FU YEH	06/30/2014
HSIANG-HUAN LEE	08/15/2014
CHAO-HSIEN PENG	07/02/2014
HSIEN-CHANG WU	06/30/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14266069

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	DENISE WILSON
SIGNATURE:	/Denise Wilson/
DATE SIGNED:	08/28/2014

Total Attachments: 2
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Docket No.: 2012-0691-C/24061.2880
Customer No.: 42717

ASSIGNMENT

WHEREAS, we,

(1)	Ching-Fu Yeh	of	No. 113, Jinshan 7th Street, East District Hsinchu City 300, Taiwan, R.O.C.
(2)	Hsiang-Huan Lee	of	No.12, Alley 46, Lane 315, Syuefu E. Road Jhudong Township, Hsinchu County 310 Taiwan, R.O.C.
(3)	Chao-Hsien Peng	of	No.175, Chenggong 6th Street, Zhubei City Hsinchu County 302, Taiwan, R.O.C.
(4)	Hsien-Chang Wu	of	No.8, Lane 213, Section 2, Fengshi Road Fengyuan District, Taichung City 420 Taiwan, R.O.C.

have invented certain improvements in

METHOD OF SEMICONDUCTOR INTEGRATED CIRCUIT FABRICATION

for which we have executed an application for Letters Patent of the United States of America,

_______ of even date filed herewith; and
__X__ filed on April 30, 2014, and assigned application number 14/266,069; and

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

WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd., ("TSMC"), No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park Hsin-Chu, Taiwan 300-77, Republic of China. is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said TSMC, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said TSMC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Docket No.: 2012-0691-C/24061.2880
Customer No.: 42717

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said TSMC, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said TSMC, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name: Ching-Fu Yeh

Residence Address: No. 113, Jinshan 7th Street, East District
Hsinchu City 300, Taiwan, R.O.C.

Dated: 2014. 6. 30 Ching-Fu, Yeh
Inventor Signature

Inventor Name: Hsiang-Huan Lee

Residence Address: No.12, Alley 46, Lane 315, Syuefu E. Road, Jhudong Township
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Dated: 2014. 8. 15. Hsiang-Huan Lee
Inventor Signature

Inventor Name: Chao-Hsien Peng

Residence Address: No.175, Chenggong 6th Street, Zhubei City
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Dated: 2014. 7. 2 Chao-Hsien Peng
Inventor Signature

Inventor Name: Hsien-Chang Wu

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Dated: 2014. 6. 30 HSIEN-Chang Wu
Inventor Signature