

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YI-TANG LIN	03/01/2012
CHEOK-KEI LEI	02/28/2012
SHU-YU CHEN	02/28/2012
YU-NING CHANG	02/29/2012
HSIAO-HUI CHEN	02/29/2012
CHIH-SHENG CHANG	03/02/2012
CHIEN-WEN CHEN	02/29/2012
CLEMENT HSINGJEN WANN	03/07/2012
RECEIVING PARTY DATA	
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.
Street Address:	NO. 8, LI-HSIN RD. VI, HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14229134
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	RANDY A. NORANBROCK
SIGNATURE:	/Randy A. Noranbrock/
DATE SIGNED:	03/28/2014

Total Attachments: 2

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Docket No. T5057-B460U
TSMC2010-1183

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|------------------|--------------------------|
| 1) Yi-Tang LIN | 5) Hsiao-Hui CHEN |
| 2) Cheok-Kei LEI | 6) Chih-Sheng CHANG |
| 3) Shu-Yu CHEN | 7) Chien-Wen CHEN |
| 4) Yu-Ning CHANG | 8) Clement Hsingjen WANN |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD. having a place of business at No. **8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu 300, Taiwan R.O.C.**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SYSTEM AND METHODS FOR CONVERTING PLANAR DESIGN TO FINFET DESIGN

- (a) for which an application for United States Letters Patent was filed on 2012-03-09, and identified by United States Patent Application No. 13/416,742; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Yi-Tang Lin 林以唐
Name: Yi-Tang LIN

2012 / 03 / 01
Date:

2) LEI CHEOK KEI 李焯基
Name: Cheok-Kei LEI

2012 / 02 / 28
Date:

3) Shu-Yu Chen 陳維宇
Name: Shu-Yu CHEN

2012 / 02 / 28
Date:

4) Yu-Ning Chang 張祐寧
Name: Yu-Ning CHANG

2012/02/29
Date:

5) Hsiao-Hui Chen 陳小惠
Name: Hsiao-Hui CHEN

2012/02/29
Date:

6) Chih-Sheng Chang 張智勝
Name: Chih-Sheng CHANG

2012/03/02
Date:

7) Chien-Wen Chen 陳建文
Name: Chien-Wen CHEN

2012/02/29
Date:

8) Clement WANN
Name: Clement Hsingjen WANN

3/7/2012
Date: