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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3281714

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERBEN DOORNBOS	02/25/2011
ROBERT JAMES PASCOE LANDER	03/14/2011

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:	14668227

CORRESPONDENCE DATA

Fax Number: (404)521-4286

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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 2: **SUITE 150**

Address Line 4: ATLANTA, GEORGIA 30339

ATTORNEY DOCKET NUMBER:	252011-4531
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	03/25/2015

Total Attachments: 3

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> **PATENT** REEL: 035253 FRAME: 0007

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ASSIGNMENT

WHEREAS,	Gerben	DOORNBOS	and	Robert	LANDER	
hereafter referred to a improvements as des United States Letters	as ASSIGI cribed and	NOR, has/h	ave ii	avented c	ertain new	and useful olication for

	FINFET)	ANSISTOR	FECT T	FIELD	: FIN	Title:
NAMES AND AND ASSESSMENT OF THE PROPERTY OF TH	Serial No.				,	Filed:
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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 ASSIGNEE, 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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Gerben DOORNBOS	Date:		
Robert LANDER	Date:		

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PATENT REEL: 035253 FRAME: 0010

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