501953438 06/13/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yun-Han CHEN	04/09/2012
Sung-Chieh LIN	04/09/2012
Kuoyuan (Peter) HSU	04/09/2012

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:	13434588

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Randy A. Noranbrock

Total Attachments: 1

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PATENT

REEL: 028365 FRAME: 0422

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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) Yun-Han CHEN
- 2) Sung-Chieh LIN
- 3) Kuoyaan (Peter) HSU

	I Blimmatic buckers the goal-o	and teamsfare weter			
	s made a certain new and useful invention, hereby sells, assigns				
TAIM	TATWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD, having a place of business at No.				
8, Li-l	<u> Hsin Rd. VI, Hsinchu Science Park, Hsinchu 300. '</u>	raiwan R.O.C.			
its succe as defin	easons and assigns (harainafter designated "ASSIGNEE") the out ed in 35 U.S.C. 100 in the invention entitled	re right, title and interest for the United States of America			
MEM	ORY ERROR CORRECTION				
(a)	for which an application for United States Letters Patent was Patent Application No. <u>13/434.588</u> ; or	filed on March 29, 2012, and identified by United States			
(b)	for which an application for United States Letters Patent was executed on				
all Unit	undersigned hereby authorizes and requests the United States Cook States Letters Patent which may be granted therefore and an ations-in-part thereof, and the right to all benefits under the lay to the said ASSIGNEE, for its interest as ASSIGNEE, its such that the attorneys of record in said application shall hereafter act of ANID, the understoned hereby agrees to transfer a like interest.	y and all extensions, divisions, reissues, continuations, or nternational Convention for the Protection of Industrial essors, assigns and legal representatives; the undersigned in 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 Lourns 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 fall protection and title in end to the invention hereby transferred.					
SIGNE	D on the date indicated eside my signature:				
1)V	Tun-Han Chan Chan	4/9 Date:			
2) Name	ong-Chief CEA	Date: 4/9/2012 Date: 4/9/2012			

Date:

PATENT REEL: 028365 FRAME: 0423

RECORDED: 06/13/2012