# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4338345

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF 3RD INVENTOR'S NAME previously recorded on Reel 026984 Frame 0714. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNOR'S INTEREST.		

## **CONVEYING PARTY DATA**

Name	Execution Date
TSUNG-DING WANG	03/23/2017
HUNG-JEN LIN	03/23/2017
CHIEN-HSUN LEE	03/23/2017

## **RECEIVING PARTY DATA**

Name:	Taiwan Semiconductor Manufacturing Company, Ltd.	
Street Address:	8, Li-Hsin Rd. 6, Hsinchu Science Park	
City:	HsinChu	
State/Country:	TAIWAN	
Postal Code:	300-78	

# **PROPERTY NUMBERS Total: 2**

Property Type	Number	
Application Number:	13247529	
Application Number:	14630265	

## CORRESPONDENCE DATA

**Fax Number:** (972)732-9218

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

972-732-1001 Phone:

Email: docketing@slatermatsil.com

Correspondent Name: SLATER MATSIL, LLP

Address Line 1: 17950 PRESTON RD., SUITE 1000

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER:	TSM11-0509
NAME OF SUBMITTER:	MARANDA BRALLEY
SIGNATURE:	/Maranda Bralley/
DATE SIGNED:	03/27/2017

**Total Attachments: 3** 

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**PATENT** REEL: 042154 FRAME: 0484

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PATENT REEL: 042154 FRAME: 0485

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
	,

NATURE OF CONVEYANCE: ASSIGNMENT

# CONVEYING PARTY DATA

Name	Execution Date
Tsung-Ding Wang	09/09/2011
Hung-Jen Lin	09/13/2011
Chien-Hsiun Lee	09/13/2011

## 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 R.O.C.	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13247529

#### CORRESPONDENCE DATA

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Correspondent Name: Slater & Matsil, L.L.P. Address Line 1: 17950 Preston Road

Address Line 2: Suite 1000

Address Line 4: Dallas, TEXAS 75252

ATTORNEY DOCKET NUMBER: TSM11-0509 NAME OF SUBMITTER: Kasey Edwards

Total Attachments: 1

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**PATENT** 

REEL: 026984 FRAME: 0714 PATENT

REEL: 042154 FRAME: 0486

ATTORNEY DOCKET NO. TSM11-0509

#### **ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd. ("Assignee"), a corporation organized and existing under the laws of Taiwan, the Republic of China, with its principal office at 8, Li-Hsin Rd. 6 Hsinchu Science Park, Hsinchu 300-78 Taiwan, R.O.C., is desirous of acquiring my entire right, title and interest in and to said invention, and to said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to said Assignee, its successors and assigns, my entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all future non-provisional applications including divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to said Assignee, as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to Assignee, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said Assignee, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said Assignee, its legal representatives, successors, or assigns, will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said Assignee, its legal representatives, successors, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	Formation of Connectors without UBM			
SIGNATURE OF INVENTOR AND NAME	T.D.Daj Tsung-Ding Ward	Hung-Jen Lin Hung-Jen Lin	Chien-Hsun Lee	
DATE	3/23/17	3/1/	7/23/17	
RESIDENCE	Tainan, Taiwan	Tainan, Taiwan	Chu-tung Town, Taiwan	

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