PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUN-WEN CHENG	05/08/2014
CHIA-HUA CHU	05/08/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14276445

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ATTORNEY DOCKET NUMBER:	TSMCP437US
NAME OF SUBMITTER:	DAVID W. POTASHNIK
SIGNATURE:	/David W. Potashnik/
DATE SIGNED:	05/13/2014

Total Attachments: 4

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<u>PATFNT</u>

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Chun-Wen Cheng No.15, Alley 11, Lane 100, Jiafeng 1st St. Zhubei City, Hsinchu County 302, Taiwan (R.O.C.)

Assignor(s):

Chia-Hua Chu No.1, Lane 176, Aikou 6th St. Zhubei City, Hsinchu County 302, Taiwan (R.O.C.)

Assignee:

Taiwan Semiconductor Manufacturing Co., Ltd. No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"SENSOR INTEGRATION WITH AN OUTGASSING BARRIER AND A STABLE

ELECTRICAL SIGNAL PATH" for which:

a non-provisional application for United States Letters Patent:

\boxtimes	was executed on	even date	preparator	y to filing	(eacl	n inver	ntor should	sign	this
	Assignment on the	e same day	as he/she	signs the	e Deci	aration); or		
	was filed on	and accor	ded U.S. S	erial No.		; or	÷ 1		

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Ш	I hereby author	ize and	request m	ny attorney	associated	with Cu	stomer	No.	
	107476, to inser	t on the	designated	d lines belo	w the filing	date and	applica	ition	
	number of said application when known:								
	U.S. Serial No.				,				
	filed on								

WHEREAS, ASSIGNEE (listed above), a corporation of the Republic of China is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for

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TSMC Docket No. TSMC2014-0220 Docket No.TSMCP437US

United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

V 2014.05.08 Date

Name 1st Inventor Chun-Wen Cheng

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Name 2nd Inventor Chia-Hua Chu

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