503141845 01/20/2015

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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
CHEN-LUN YEN	01/12/2015	
GU-HUAN LI	01/12/2015	
CHUNG-CHIEH CHEN	01/12/2015	
CHENG-HSIUNG KUO	01/12/2015	

RECEIVING PARTY DATA

Name:	Taiwan Semiconductor Manufacturing Company Limited		
Street Address:	No. 8, Li-Hsin Road, VI		
Internal Address:	Hsinchu Science Park		
City:	Hsinchu		
State/Country:	TAIWAN		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14600076		

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER: 181877-625171

NAME OF SUBMITTER: MATTHEW W. JOHNSON

SIGNATURE: /Matthew W. Johnson/

DATE SIGNED: 01/20/2015

Total Attachments: 2

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PATENT 503141845 REEL: 034751 FRAME: 0292

JOINT

ASSIGNMENT

WHEREAS, WE, CHEN-LUN YEN, having a mailing address of No. 28, Ln. 138, Hanqing St., Fengshan Dist., Kaohsiung City 830, Taiwan residing at Kaohsiung City, Taiwan, GU-HUAN LI having a mailing address of 6F., No. 48, Zhuangjing 5th St., Zhubei City, Hsinchu County 302, Taiwan residing at Hsinchu County, Taiwan, CHUNG-CHIEH CHEN, having a mailing address of 12F.-6, No. 123, Puding 2nd Rd., East Dist., Hsinchu City 300, Taiwan residing at Hsinchu City, Taiwan, and CHENG-HSIUNG KUO, having the mailing address of No. 3, Lane 137, Jiaren St., Jhubei City, Hsinchu County 302, Taiwan residing at Hsinchu County, Taiwan, ASSIGNORS, are the inventors of the invention in "CIRCUIT FOR GENERATING AN OUTPUT VOLTAGE AND METHOD FOR SETTING AN OUTPUT VOLTAGE OF A LOW DROPOUT REGULATOR" for which we have executed an application for a Patent of the United States

\boxtimes	which is executed on	\boxtimes	even date herewith or		[DATE]
\boxtimes	which is identified by Jones	Day	docket no. 181877-625171		
	which was filed on		, Application No		.
	We hereby authorize and re	ques	t attorney(s) at Jones Day, to	inse	sert here in parentheses (Application number
	, filed) the filing da	ıte ar	and application number of said application when known.

and WHEREAS, Taiwan Semiconductor Manufacturing Company Limited, a corporation organized and existing under the laws of the Republic of China, and having an office for the transaction of business at No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan, PROPRIETOR, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said PROPRIETOR, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement.

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said PROPRIETOR, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said PROPRIETOR, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said PROPRIETOR, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 2015 / Jan / 12.	Chen-Lun Yen	L.S.
Date 20[+ / / 2	Gu-Huan Li	L.S.
Date _ 2015 / Jan / 12	Chung-Clieh - Chen	L.S.
Date 20/5/1/12	Cheng-HSimg Kund CHENG-HSIUNG KUD	L.S.