503504605 10/01/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KING-YUEN WONG	03/05/2012
CHUN-WEI HSU	03/05/2012
CHEN-JU YU	03/05/2012
FU-WEI YAO	03/05/2012
JIUN-LEI JERRY YU	03/05/2012
FU-CHIH YANG	03/05/2012
PO-CHIH CHEN	03/05/2012

RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.	
Street Address:	NO. 8, LI-HSIN ROAD 6	
Internal Address:	SCIENCE-BASED INDUSTRIAL PARK	
City:	HSIN-CHU	
State/Country:	TAIWAN	
Postal Code:	300-77	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14872197

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	20111382US1/24061.2063US2
NAME OF SUBMITTER:	ERIC Q. LI
SIGNATURE:	/Eric Q. Li/

503504605 PATENT REEL: 036700 FRAME: 0655

DATE SIGNED: 10/01/2015

Total Attachments: 3
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PATENT REEL: 036700 FRAME: 0656 (ywong 2013/01/03 17:28:01

Docket No.: 2011-1382 / 24061.2063

Customer No.: 42717

ASSIGNMENT

WHEREAS, w

(1)	King-Yuen Wong	of	Room 1209, San Shun House, San Wai Court Tuen Mun, N. T., Hong Kong
(2)	Chun-Wei Hsu	of	No. 8, Ln. 555, Sec. 2, Guoguang Rd., Dali District Taichung City 412, Taiwan, R.O.C.
(3)	Chen-Ju Yu	of	No. 438, Longtan Rd. Jiaoxi Township, Yilan County 262, Taiwan, R.O.C.
(4)	Fu-Wei Yao	of	No. 3, Ln. 39, Ruiguang St., Xiangshan Dist. Hsinchu City 300, Taiwan, R.O.C.
(5)	Jiun-Lei Jerry Yu	of	No. 295, Xuefu E. Rd. Zhudong Township, Hsinchu County 310, Taiwan, R.O.C.
(6)	Fu-Chih Yang	of	No. 7, Lane 90, Younghe St. Fengshan city, Kaohsiung County 830, Taiwan, R.O.C.
(7)	Po-Chih Chen	of	8F, No. 223, Bade Rd., East Dist. Hsinchu City 300, Taiwan, R.O.C.

have invented certain improvements in

A PLASMA PROTECTION DIODE FOR A HEMT DEVICE

for which we have filed and executed an application for Letters Patent of the United States of America on 03-13-2012, as U.S. Serial No. 13/418, 538; and

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd., ("TSMC"), No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park Hsin-Chu, Taiwan 300-77, Republic of China. is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said TSMC, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize

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and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said TSMC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant 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 said TSMC, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said TSMC, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name:	King-Yuen Won	! ; g 5
Residence Address:	Tuen Mun, N. T.	Shun House, San Wai Court Hong Kong
Dated: Cay	15/2012	King-Yven Wong Inventor Signature
Inventor Name:	Chun-Wei Hsu	
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Inventor Name:	Chen-Ju Yu	
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Dated:	1201~	Chem - Ju YU \ Inventor Signature
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Inventor Name:	Fu-Wei Yao		
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Dated: 3/5	12012	Fu-Wei Yau. Inventor Signature	
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Dated: \$\sqrt{\zeta}	12012	Jian - Lei Vu Inventor Signature	
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Inventor Name:	Po-Chih Chen		
Residence Address:	8F, No. 223, Bade Rd., Ea Hsinchu City 300, Taiwan	DAC	
Dated:	15/10n	Inventor Signature	

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