504396762 06/05/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIH-LIANG CHEN	12/16/2016
CHENG-CHI CHUANG	12/28/2016
CHIH-MING LAI	12/28/2016
CHIA-TIEN WU	12/28/2016
CHARLES CHEW-YUEN YOUNG	01/04/2017
JIANN-TYNG TZENG	12/27/2016
KAM-TOU SIO	12/27/2016
RU-GUN LIU	12/28/2016
WEI-CHENG LIN	12/27/2016
LEI-CHUN CHOU	12/27/2016

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:	15611896

CORRESPONDENCE DATA

Fax Number: (212)755-7306

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.

Email: wtokmakidis@jonesday.com, erosenfelder@jonesday.com

Correspondent Name: JONES DAY

Address Line 1: 250 VESEY STREET

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ATTORNEY DOCKET NUMBER:	181877-625302
NAME OF SUBMITTER:	MATTHEW W. JOHNSON

PATENT 504396762 REEL: 042588 FRAME: 0300

SIGNATURE:	/Matthew W. Johnson/	
DATE SIGNED:	06/05/2017	
Total Attachments: 2		
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source=625302_Assignment#page2.tif		

PATENT REEL: 042588 FRAME: 0301

JOINT

ASSIGNMENT

WHEREAS, WE, Chih-Liang Chen, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Hsinchu City, Taiwan, Cheng-Chi Chuang, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at New Taipei City, Taiwan, Chih-Ming Lai, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Hsinchu City, Taiwan, Chia-Tien Wu, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Taichung City, Taiwan, Charles Chew-Yuen Young, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu, Taiwan residing at Cupertino, CA 95014, USA, JIANN-TYNG TZENG, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Hsinchu, Taiwan, Kam-Tou Sio, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Hsinchu County, Taiwan, RU-GUN LIU, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Hsinchu County, Taiwan, Wei-Cheng Lin, having a mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Taichung City, Taiwan and Lei-Chun Chou, having the mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Taichung City, Taiwan and Lei-Chun Chou, having the mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Taichung City, Taiwan and Lei-Chun Chou, having the mailing address of No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan residing at Taichung City, Taiwan, ASSIGNORS, are the inventors of the invention in "SELF ALIGNED VIA AND METHOD FOR FABRICATING THE SAME" for which we have executed an application for a Patent of the United States

\boxtimes	which is executed on 🔯 even date herewith or 🗆 [DATE]
Ø	which is identified by Jones Day docket no. 181877-625302
	which was filed on, 2016, Application No
	We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number
	, filed) the filing date 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, reissuc 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

RECORDED: 06/05/2017

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

Date	Chih-Liang Chen Chih-Liang Chen	L.S
Date	Cheng-Chi Chuang	L.S
Date	Chih-Ming Lai	L.S
Date 12/28 2016,2016	Chia-Tien Wu	L.S
Date $\frac{1/4}{201}$, 2016	Charles Chew-Yuen Young	L.S
Date 12/27 2016 , 2016	Ji'am Týhý Tzay JIANN-TYNG TZENG	L.S.
Date 17/27 70 6 , 2016	Kam-Tou Sio	L.S.
Date 12/38 >016,2016	Ru-Gan Liu	L.S.
Date 12/27,2016	Wei-Cheng, Lin	L.S.

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P20160727US00(181877-625302) Assignment

Lei-Chun Chou L.S.