506073416 05/22/2020

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PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MING-CHANG WEN	03/02/2017
HSIEN-CHENG WANG	03/02/2017
CHUN-KUANG CHEN	03/06/2017

RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.			
Street Address:	8, LI-HSIN RD. 6			
Internal Address:	HSINCHU SCIENCE PARK			
City:	HSINCHU			
State/Country:	TAIWAN			
Postal Code:	300-78			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16881926

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 2010-0103/24061.1450US03

NAME OF SUBMITTER: MARCY OGADO

SIGNATURE: /Marcy Ogado/
DATE SIGNED: 05/22/2020

Total Attachments: 2

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PATENT 506073416 REEL: 052736 FRAME: 0849

Docket No.: P20100103US01/24061.1450US02

Customer No.: 42717

ASSIGNMENT

WHEREAS, we,

(1)	Ming-Chang Wen	of	No. 82, Alley 57, Lane 106, Heguang Street, Zuoying District Kaohsiung City, Taiwan, R.O.C.
(2)	Hsien-Cheng Wang	of	13F-1, No. 373, Sec. 2, Gong-Dao 5 Road Hsinchu 300, Taiwan, R.O.C.
(3)	Chun-Kuang Chen	of	No. 122, Yu-Hsien Street, Guan-Shi Jeng Hsin-Chu Hsien, Taiwan, R.O.C.

have invented certain improvements in

STRUCTURE AND METHOD FOR ALIGNMENT MARKS

for which we have executed an application for Letters Patent of the United States of America,

Ebassassassassas	of even date filed herewith; and
<u>X</u>	filed on April 6, 2013 and assigned application number 14/679,326; 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, for 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 and request the Commissioner of Patents of 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.

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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:

Ming-Chang Wen

Residence Address:

No. 82, Alley 57, Lane 106, Heguang Street, Zuoying District

Kaohsiung City, Taiwan, R.O.C.

Dated: 2017, 03,02

Ming-Chang Wen Inventor Signature

Chun-Knay Chen

Inventor Name:

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Inventor Name:

Chun-Kuang Chen

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Dated: 2019/3/6

Inventor Signature

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RECORDED: 05/22/2020

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