504884985 04/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4931726

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SHIH-PEI CHOU	04/20/2018	
HUNG-WEN HSU	04/20/2018	
JIECH-FUN LU	04/20/2018	
YU-HUNG CHENG	04/20/2018	
YUNG-LUNG LIN	04/20/2018	
MIN-YING TSAI	04/20/2018	

RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	
Street Address:	Address: NO. 8, LI-HSIN RD. 6	
nternal Address: HSIN-CHU SCIENCE PARK		
City:	HSIN-CHU	
State/Country:	TAIWAN	
Postal Code:	300-77	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15962214

CORRESPONDENCE DATA

Fax Number: (216)502-0601

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.

Phone: 216-502-0600

Email: docketing@eschweilerlaw.com
Correspondent Name: ESCHWEILER & POTASHNIK, LLC

Address Line 1: ROSETTA CENTER

Address Line 2: 629 EUCLID AVE., SUITE 1000
Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	TSMCP864US	
NAME OF SUBMITTER:	MATTHEW W. GLAUSE	
SIGNATURE:	/Matthew W. Glause/	
DATE SIGNED:	04/25/2018	

504884985 PATENT REEL: 045632 FRAME: 0384

Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif

PATENT REEL: 045632 FRAME: 0385



PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s): Shih-Pei Chou
Assignor(s): Hung-Wen Hsu
Assignor(s): Jiech-Fun Lu
Assignor(s): Yu-Hung Cheng
Assignor(s): Yung-Lung Lin
Assignor(s): Min-Ying Tsai
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
METHOD FOR FORMING A THIN SEMICONDUCTOR-ON-INSULATOR (SOI
SUBSTRATE" for which:
a non-provisional application for United States Letters Patent:
was executed on even date preparatory to filing (each inventor should sign this
Assignment on the same day as he/she signs the Declaration); or
was filed on and accorded U.S. Serial No or

Page 1 of 8

apohowa 2018/04/20 09:20:32

TSMC Docket No. P20173535US00 Docket No. TSMCP864US

I hereby author	rize and	request i	ny attorney	associated	with Cu	ustomer	No.
<u>107476</u> , to inse	rt on the	designate	d lines belo	w the filing	date and	i applica	ıtion
number of said application when known:							
U.S. Serial No.			***************************************	1			
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

Page 2 of 8

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.

Name 1st Inventor Shih-Pei Chou

Page 3 of 8

 $\frac{>0.18/4/>0}{\text{Date}}$

spehsus 2018/04/20 09:20:32

Name

3rd Inventor Jiech-Fun Lu

>018 (04/20

Date

Name 4th Inventor Yu-Hung Cheng

20(8/4/20 Date

spohoua 2018/04/20 09:20:32

Page 7 of 8

2018.4.20

Min-Ying Tsai

Page 8 of 8

PATENT REEL: 045632 FRAME: 0393

RECORDED: 04/25/2018