505071960 08/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5118716

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			

CONVEYING PARTY DATA

Name	Execution Date
YU-HUNG CHENG	07/04/2018
CHENG-TA WU	07/04/2018
MING-CHE YANG	08/01/2018
WEI-KUNG TSAI	07/22/2018
YONG-EN SYU	07/30/2018
YEUR-LUEN TU	07/09/2018
CHRIS CHEN	08/01/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15904915

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:	TSMCP853US
NAME OF SUBMITTER:	JAMES R. POTASHNIK
SIGNATURE:	/James R. Potashnik/

DATE SIGNED:	08/30/2018
Total Attachments: 9	
source=Assignment#page1.tif	
source=Assignment#page2.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	
source=Assignment#page9.tif	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s): Yu-Hung Cheng
Assignor(s): Cheng-Ta Wu
Assignor(s): Ming-Che Yang
Assignor(s): Wei-Kung Tsai
Assignor(s): Yong-En Syu
Assignor(s): Yeur-Luen Tu
Assignor(s): Chris Chen
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
'PROCESS TO FORM 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

Page 1 of 9

was filed on _____ and accorded U.S. Serial No. _____; or

I hereby autho	rize and	request	my a	ttorney	associated	with	Customer	No.
<u>107476,</u> to inse	rt on the	designat	ed line	es belov	w the filing	date	and applica	ation
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 9

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.

<u>>∘\8/ v/)/ v </u>
Date

Name 1st Inventor Yu-Hung Cheng

Name Cheng-Ta Wu

2nd Inventor Cheng-Ta Wu

3rd Inventor Ming-Che Yang

20 19, 1,22

Date

Name 4th Inventor Wei-Kung Tsai

2018/07/20

Page 7 of 9

Date

Name

e 6th Inventor Yeur-Luen Tu

Chris chen

Name 7th Inventor Chris Chen

Page 9 of 9

PATENT REEL: 046755 FRAME: 0281

RECORDED: 08/30/2018