

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3897332

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAI-I YANG	12/18/2013
CHENG-CHI CHUANG	12/18/2013
YUNG-CHIH WANG	12/18/2013
TIEN-LU LIN	12/18/2013
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:	15170059
CORRESPONDENCE DATA	
Fax Number:	(216)502-0601
<i>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.</i>	
Phone:	216-502-0600
Email:	docketing@eschweilerlaw.com
Correspondent Name:	ESCHWEILER & ASSOCIATES, LLC.
Address Line 1:	629 EUCLID AVENUE, SUITE 1000
Address Line 2:	NATIONAL CITY BANK BUILDING
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	TSMCP384USA
NAME OF SUBMITTER:	JAMES R. POTASHNIK
SIGNATURE:	/James R. Potashnik/
DATE SIGNED:	06/01/2016
Total Attachments: 6	

source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif
source=Assignment#page6.tif

U.S. Patent Appln. No.
Filing Date

TSMC Docket No. TSMC2013-1687
Docket No. TSMCP384US

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Tai-I Yang
14F-2, No. 28, Wu Lin Rd.
North Dist.
Hsinchu City 300
Taiwan (R.O.C.)

Assignor(s):

Cheng-Chi Chuang
7F-1, No. 48-1, Deguang Rd.
Zhonghe District
New Taipei City 235
Taiwan (R.O.C.)

Assignor(s):

Yung-Chih Wang
3, Alley 16, Lane 239, Ping-tung Rd.
Ping-Tseng County
Taoyuan
Taiwan (R.O.C.)

Assignor(s):

Tien-Lu Lin
No. 116, Jinshan N. 2nd St.
East Dist.
Hsinchu City 300
Taiwan (R.O.C.)

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
"AIR-GAP FORMING TECHNIQUES FOR INTERCONNECT STRUCTURES" for
which:

U.S. Patent Appln. No.

Docket No. TSMCP384US

Filing Date

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 and Power of Attorney); or

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

☐ I hereby authorize and request my attorney associated with Customer No. 107476, to insert on the designated lines below the filing date and application number of said application when known:

U.S. Serial No. _____,

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 hereinafter

PATENT

U.S. Patent Appln. No.

Docket No. TSMCP384US

Filing Date

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 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.

✓ 2013.12.18

Date

✓ Tai-I Yang

Name 1st Inventor Tai-I Yang

U.S. Patent Appln. No.
Filing Date

TSMC Docket No. TSMC2013-1687

Docket No. TSMCP384US

✓ 2013. 12.18.
Date

✓ Chuang, Cheng Chi
Name 2nd Inventor Cheng-Chi Chuang

U.S. Patent Appln. No.
Filing Date

TSMC Docket No. TSMC2013-1687

Docket No. TSMCP384US

✓ 2013 1218
Date

✓ Yung Chih Wang
Name 3rd Inventor Yung-Chih Wang

U.S. Patent App'n. No.
Filing Date

TSMC Docket No. TSMC2013-1687

Docket No. TSMCP384US

✓ 2013/12/18

Date

Tien-Lu Lin

✓ 林天禄

Name 4th Inventor Tien-Lu Lin