

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4323816

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YING-YU HSU	01/07/2013
CHIEN-CHUN TSAI	01/07/2017
WEN-HUNG HUANG	01/07/2017
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:	15461737
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 & POTASHNIK, LLC
Address Line 1:	ROSETTA CENTER
Address Line 2:	629 EUCLID AVE., SUITE 1000
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	TSMCP217USA
NAME OF SUBMITTER:	DAVID W. POTASHNIK
SIGNATURE:	/David W. Potashnik/
DATE SIGNED:	03/17/2017
Total Attachments: 5	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

U.S. Patent Appln. No.

Docket No. TSMCP217US

Filing Date

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Ying-Yu Hsu
13F.-1, No. 379, Sec. 2, Gongdao 5th Rd.
East District
Hsinchu City 300
Taiwan (R.O.C.)

Assignor(s):

Chien-Chun Tsai
Room 1, 5F, No.11, Lane 120, Zihyou St.
Hsinchu County
Jhudong Township
Taiwan (R.O.C.)

Assignor(s):

Wen-Hung Huang
9, Creation Rd.1
Hsinchu Science Park
Hsinchu 300-77
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

“DATA SAMPLING ALIGNMENT METHOD FOR MEMORY INTERFACE” 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 and Power of

Attorney); or

U.S. Patent Appln. No.

Docket No. TSMCP217US

Filing Date

☐ 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 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

U.S. Patent Appln. No.

Docket No. TSMCP217US

Filing Date

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.

2013.1.7
Date

Ying Yu Hsu
Name 1st Inventor Ying-Yu Hsu

U.S. Patent Appln. No.

Filing Date

2013/117
Date

Chien-Chun Tsai
Name 2nd Inventor Chien-Chun Tsai

U.S. Patent Appln. No.

Docket No. TSMCP217US

Filing Date

2013 / 01 / 07
Date

Wen-Hung, Huang
Name 3rd Inventor Wen-Hung Huang