PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4972041

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TZU-YU CHEN	04/25/2018
KUO-CHI TU	04/25/2018
WEN-TING CHU	04/25/2018
YONG-SHIUAN TSAIR	04/25/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15964702

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DATE SIGNED:	05/22/2018
	•

Total Attachments: 6

PATENT REEL: 045871 FRAME: 0101

PATENT REEL: 045871 FRAME: 0102



PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

U.S. Serial No.

filed on

Assignor(s): Tzu-Yu Chen
Assignor(s): Kuo-Chi Tu
Assignor(s): Wen-Ting Chu
Assignor(s): Yong-Shiuan Tsair
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 INTEGRATING MEMORY AND LOGIC" 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
☐ 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:

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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 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.

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Tan- Lu Chen
Name 1st Inventor Tzu-Yu Chen

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April ~ 2018

Date

Date

Name 3rd Inventor Wen-Ting Chu

>018,4,85

Date

Yong Shillan Tajiv
Name 4th Phyentor Yong-Shiuan Tsair

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PATENT REEL: 045871 FRAME: 0108

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