PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2795014

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RU-SHANG HSIAO	03/08/2014
LING-SUNG WANG	03/11/2014
CHIH-MU HUANG	03/10/2014
CHIA-MING CHANG	03/10/2014

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:	14205841

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 via

US Mail.

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

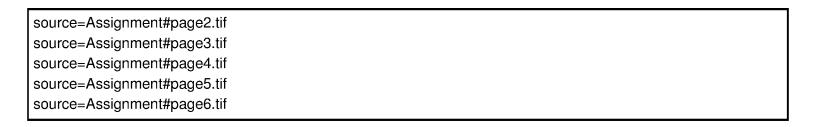
ATTORNEY DOCKET NUMBER:	TSMCP409US
NAME OF SUBMITTER:	DAVID W. POTASHNIK
SIGNATURE:	/David W. Potashnik/
DATE SIGNED:	04/01/2014

Total Attachments: 6

source=Assignment#page1.tif

502748418 REEL: 032573 FRAME: 0476

PATENT



PATENT REEL: 032573 FRAME: 0477

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Tehsiao 2014/03/08 15:15:37

Ru-Shang Hsiao No. 9, Lane 29, Zihciang S. Rd. Hsinchu County Jhubei City 302 Taiwan (R.O.C.)

Assignor(s):

Ling-Sung Wang No. 3, Alley 117, Lane 851, Sec. 2, Zhonghua W. Rd. West Central Dist. Tainan City 70063 Taiwan (R.O.C.)

Assignor(s):

Chih-Mu Huang No. 213, Xiwei, Shanhua Dist. Tainan City 741 Taiwan (R.O.C.)

Assignor(s):

Chia-Ming Chang Rm. 13, 7F, No. 28, Yong'an 2nd St. Yongkang Dist. Tainan City 710 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

"DEVICE BOOST BY QUASI-FINFET" 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 6

Jan 2008

PANTENPIN 15a

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 letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all

Page 2 of 6

ohelao 2014/03/08 15:15:17

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.

2014, 05,08 Date

reheiko 2014/03/08 15:15:37

Name 1st Inventor Ru-Shang Hsia

2014,3.11

reheimo 2014/03/08 15:15:37

Page 4 of 6

2014,3.10

Name 3rd Inventor Chih-Mu Huang

Page 5 of 6

<u> 2014. 03.10</u> Date

Page 6 of 6