### 503436747 08/14/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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CHUN-YANG TSAI	08/07/2015
KUO-CHING HUANG	08/07/2015

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14826318

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DATE SIGNED:	08/14/2015

**Total Attachments: 5** 

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PATENT 503436747 REEL: 036326 FRAME: 0142

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> PATENT REEL: 036326 FRAME: 0143

U.S. Patent Appln. No. Filing Date:

### **PATENT ASSIGNMENT**

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

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#### Assignee:

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### **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

### "VERTICAL BJT FOR HIGH DENSITY MEMORY" for which:

a non-provisional application for United States Letters Patent:

$\boxtimes$	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

Page 1 of 5

PATENT REEL: 036326 FRAME: 0144

TSMC Docket No. P20120728US01

Docket No. TSMCP195USA

U.S. Patent Appln. No.

Filing [	Date:
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will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes and requests ASSIGNEE'S legal representatives, the attorneys
associated with Customer No, to insert below in this document this
APPLICATION's U.S. Serial Number and filing date, 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

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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.

Date

Mame

ne 1<sup>st</sup> Invent

u-Wei Ting

TSMC Docket No. P20120728US01 Docket No. TSMCP195USA

U.S. Patent Appln. No.

Filing Date:

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Docket No. TSMCP195USA

U.S. Patent Appln. No.

Filing Date:

1 2015/08/07

Date

Name

me 3<sup>rd</sup> Inventor Kuo-Ching Huang

Page 5 of 5

PATENT REEL: 036326 FRAME: 0148