

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3404882

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNORS FROM CHIH-HAO WANG, CHING-WEI TSAI AND CHIN-CHI WANG TO YANG-HUNG CHANG, CHIH-MING KE AND KAI-HSIUNG CHEN previously recorded on Reel 035809 Frame 0991. Assignor(s) hereby confirms the CORRECTION OF ASSIGNORS LISTED ON ASSIGNMENT DOCUMENT TO YANG-HUNG CHANG, CHIH-MING KE AND KAI-HSIUNG CHEN.

## CONVEYING PARTY DATA

Name	Execution Date
YANG-HUNG CHANG	08/21/2013
KAI-HSIUNG CHEN	08/21/2013
CHIH-MING KE	08/21/2013

## RECEIVING PARTY DATA

<b>Name:</b>	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.
<b>Street Address:</b>	NO. 8, LI-HSIN RD. 6
<b>Internal Address:</b>	SCIENCE-BASED INDUSTRIAL PARK
<b>City:</b>	HSIN-CHU
<b>State/Country:</b>	TAIWAN
<b>Postal Code:</b>	300-77

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14733300

## CORRESPONDENCE DATA

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<b>ATTORNEY DOCKET NUMBER:</b>	P20130586US01
<b>NAME OF SUBMITTER:</b>	KYLE HOWARD
<b>SIGNATURE:</b>	/KYLE HOWARD/

PATENT

<b>DATE SIGNED:</b>	06/19/2015
<b>Total Attachments: 9</b> source=P20130586US01#page1.tif source=P20130586US01#page2.tif source=P20130586US01#page3.tif source=P20130586US01#page4.tif source=P20130586US01#page5.tif source=Assignment recorded incorrectly#page1.tif source=Assignment recorded incorrectly#page2.tif source=Assignment recorded incorrectly#page3.tif source=Assignment recorded incorrectly#page4.tif	

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**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1

Stylesheet Version v1.2

**SUBMISSION TYPE:**

NEW ASSIGNMENT

**NATURE OF CONVEYANCE:**

ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CHIH-HAO WANG	01/14/2014
CHING-WEI TSAI	01/14/2014
CHIN-CHI WANG	01/14/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.
<b>Street Address:</b>	NO. 8, LI-HSIN RD. 6
<b>Internal Address:</b>	SCIENCE-BASED INDUSTRIAL PARK
<b>City:</b>	HSIN-CHU
<b>State/Country:</b>	TAIWAN
<b>Postal Code:</b>	300-77

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14733300

**PATENT****REEL: 035977 FRAME: 0207**

<b>CORRESPONDENCE DATA</b>	
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<b>Correspondent Name:</b>	HAYNES AND BOONE, LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	P20130586US01
<b>NAME OF SUBMITTER:</b>	KYLE HOWARD
<b>Signature:</b>	/KYLE HOWARD/
<b>Date:</b>	06/09/2015
<b>Total Attachments: 2</b> source=P20130586US01_240612572US02_OathDeclaration#page5.tif source=P20130586US01_240612572US02_OathDeclaration#page6.tif	
<b>RECEIPT INFORMATION</b>  <b>EPAS ID:</b> PAT3388949 <b>Receipt Date:</b> 06/09/2015	

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Docket No.: 2013-0586/24061.2572  
Customer No.: 000042717

# ASSIGNMENT

WHEREAS, we,

- |     |                 |    |   |
|-----|-----------------|----|---|
| (1) | Yang-Hung Chang | of | 12F, No.3, Alley 15, Lane 100, Section 1<br>Zhongcheng Road, Shilin District<br>Taipei City 111 Taiwan (R.O.C.) |
| (2) | Kai-Hsiung Chen | of | 13F, No.96, Ziqiang Road<br>Tamsui District, New Taipei City 251<br>Taiwan (R.O.C.)                             |
| (3) | Chih-Ming Ke    | of | 9F, No.17, Alley 7, Lane 298, Section 2<br>Guangfu Road, Hsinchu City 300<br>Taiwan (R.O.C.)                    |

have invented certain improvements in

## METHOD AND SYSTEM FOR OVERLAY CONTROL

for which we have filed an application for Letters Patent of the United States of America,

  X   of even date filed herewith; and  
       filed on \_\_\_\_\_, and assigned application number \_\_\_\_\_; and

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd., ("TSMC"), No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park Hsin-Chu, Taiwan 300-77, Republic of China. is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said TSMC, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said TSMC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

Docket No.: 2013-0586/24061.2572

Customer No.: 000042717

AND WE HEREBY further covenant and agree that we will communicate to said TSMC, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings; sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said TSMC, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name: Yang-Hung Chang

Residence Address: 12F, No.3, Alley 15, Lane 100, Section 1  
Zhongcheng Road, Shilin District  
Taipei City 111 Taiwan (R.O.C.)

Dated: 8/21, 2013

張仰昌  
Inventor Signature

Inventor Name: Kai-Hsiung Chen

Residence Address: 13F, No.96, Ziqiang Road  
Tamsui District, New Taipei City 251 Taiwan (R.O.C.)

Dated: 8/21, 2013

陳同彬 Kai Hsiung Chen  
Inventor Signature

Inventor Name: Chih-Ming Ke

Residence Address: 9F, No.17, Alley 7, Lane 298, Section 2  
Guangfu Road, Hsinchu City 300 Taiwan (R.O.C.)

Dated: 8/21, 2013

柯志明  
Inventor Signature  
Chih-Ming Ke