#### 503228193 03/20/2015

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TSUNG-HAN TSAI	01/13/2015
YUN-WEI CHENG	01/13/2015
KUO-CHENG LEE	01/13/2015
CHUN-HAO CHOU	01/13/2015
YUNG-LUNG HSU	01/13/2015

#### RECEIVING PARTY DATA

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	
Street Address:	NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK	
City:	HSINCHU	
State/Country:	TAIWAN	

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

Property Type	Number
Application Number:	14554629

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SIGNATURE:	/Anthony King/	
DATE SIGNED:	03/20/2015	

**Total Attachments: 2** 

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> **PATENT** REEL: 035215 FRAME: 0627 503228193

## **ASSIGNMENT**

WHEREAS, I(we), <u>TSAI</u>, <u>TSUNG-HAN</u>, <u>CHENG</u>, <u>YUN-WEI</u>, <u>LEE</u>, <u>KUO-CHENG</u>, <u>CHOU</u>, <u>CHUN-HAO</u>, and <u>HSU</u>, <u>YUNG-LUNG</u>, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

# IMAGE SENSING DEVICE AND MANUFACTURING METHOD THEREOF (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent /Utility Patent

is executed on even date herewith unless at least one of the following is checked:	•
☐ United States Design Patent was	
□ executed on:	
☑ filed on: 26 November 2014 Serial No.: 14/554,629 ☐ established by PCT International Patent Application No.: filed:	designating the
United States of America	
☐ issued on as U.S. Patent No.:	

WHEREAS, TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. whose post office address is NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK, HSINCHU, TAIWAN, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Assignor Name TSAI, TSUNG-HAN	Address NO.10, LN. 148, QINXING ST., ZHUNAN TOWNSHIP, MIAOLI COUNTY 350, TAIWAN (R.O.C.)
Signature of Assignor (X) Sung Man TSM Name of Witness (optional)	Date of Signature (X) \( \sum O(5, \land \), \( \sum \)  Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

PATENT REEL: 035215 FRAME: 0628

Assignor Name CHENG, YUN-WEI	Address 9F1, NO.127, SEC. 3, MUZHA RD., WENSHAN DIST., TAIPEI CITY 116, TAIWAN (R.O.C.)
Signature of Assignor (X) Yun Wir Cry	Date of Signature (X) ユニノノノ [3
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name LEE, KUO-CHENG	Address NO.31, DONGQIAO 8TH ST., YONGKANG DIST., TAINAN CITY 710, TAIWAN (R.O.C.)
Signature of Assignor (X)	Date of Signabule S (   ()
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHOU, CHUN-HAO  Chow Law	Address NO.8, LN. 156, WENHUA 1ST ST., EAST DIST., TAINAN CITY 701, TAIWAN (R.O.C.)
Signature of Assignor (X)	Date of Signature (X)
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name HSU, YUNG-LUNG	NO. 67, LANE 199, YU-DE RD., NORTH DISTRICT, TAINAN, TAIWAN (R.O.C.)
Signature of Assignor (X) Mag Teng Usu	Date of Signature (X) 9015   1   13
Name of Withess (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

-2-

PATENT REEL: 035215 FRAME: 0629