## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Jhy-Ming HUNG	06/10/2009
Jen-Cheng LIU	06/10/2009
Dun-Nian YAUNG	06/10/2009
Chun-Chieh CHUANG	06/15/2009

#### **RECEIVING PARTY DATA**

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.
Street Address:	No. 8, Li-Hsin Rd. 6
Internal Address:	Science-Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300-77

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12483485

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 24061.1026

NAME OF SUBMITTER: David M. O'Dell

PATENT

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Total Attachments: 3

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Docket No.: 2008-0239 / 24061.1026

Customer No.: 42717

#### ASSIGNMENT

WHERE.	AS.	we.
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(1)	Jyh-Ming Hung	of	No. 19, Guo Gou 3rd Lane, Guo Gou Village Dacun Township, Changhua County 515, Taiwan, R.O.C.
(2)	Jen-Cheng Liu	of	#219 5F, Guan-Dong Road Hsin Chu City, Taiwan, R.O.C.
(3)	Dun-Nian Yaung	of	4F, No. 15, Lane 130, Wansheng Street, Wunshan District Taipei City 116, Taiwan, R.O.C.
<b>(4)</b>	Chun-Chieh Chuang	of	No. 61, Minan Street Tainan City, Taiwan, R.O.C.

have invented certain improvements in

## SENSOR STRUCTURE FOR OPTICAL PERFORMANCE ENHANCEMENT

for which we have	executed an application for Letters Patent of the United States of America,
<u>x</u>	of even date filed herewith; and filed on <u>June 12, 2009</u> and assigned application no. <u>12/483,485</u> 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 One Dollar (\$1.00) and other 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.

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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.

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:
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Jyh-Ming Hung

Residence Address:

No. 19, Guo Gou 3rd Lane, Guo Gou Village

Dacun Township, Changhua County 515, Taiwan, R.O.C.

Dated: >009/06/10

Jun - Ming Hung
Inventor Signature

Inventor Name:

Jen-Cheng Liu

Residence Address:

#219 5F, Guan-Dong Road Hsin Chu City, Taiwan, R.O.C.

Dated: 2009/06/10

Jen - Cheny Liu
Inventor Signature

Inventor Name:

**Dun-Nian Yaung** 

Residence Address:

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Dated: >09/06/10

Mun-Mian Yaung
Inventor Signature

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Inventor Name:

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Dated: 2009/06/15

Chun - Chief Chuang
Inventor Signature

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**RECORDED: 09/03/2009** 

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