

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hsing-Kuo Hsia	10/05/2010
Chih-Kuang Yu	10/06/2010
Gordon Kuo	10/05/2010
RECEIVING PARTY DATA	
Name:	Taiwan Semiconductor Manufacturing Company, Ltd.
Street Address:	No. 8, Li-Hsin Road 6
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300-77
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12900663
CORRESPONDENCE DATA	
Fax Number:	(214)200-0853
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	214-651-5000
Email:	ipdocketing@haynesboone.com
Correspondent Name:	HAYNES AND BOONE, LLP
Address Line 1:	2323 Victory Avenue
Address Line 2:	Suite 700
Address Line 4:	Dallas, TEXAS 75219
ATTORNEY DOCKET NUMBER:	24061.1537
NAME OF SUBMITTER:	Eric Q. Li

Total Attachments: 2
 source=1537_Assignment#page1.tif

501314938

**PATENT
 REEL: 025112 FRAME: 0443**

OP \$40.00 12900663

ASSIGNMENT

WHEREAS, we,

- | | | | |
|-----|----------------|----|--|
| (1) | Hsing-Kuo Hsia | of | F7, No. 13, Fu-Hsin 6 th Road
Jhubei City, Hsin Chu County, Taiwan, R.O.C. |
| (2) | Chih-Kuang Yu | of | No. 6, Lane 43, Heping Road, East District
Chiayi City 600, Taiwan, R.O.C. |
| (3) | Gordon Kuo | of | 1F, No. 29, Lane 169, Leye Street, Da-An District
Taipei City 106, Taiwan, R.O.C. |

have invented certain improvements in

DICING-FREE LED FABRICATION

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

 X of even date filed herewith; and
 filed on 10-08-2010 and assigned application number 12/900,663; 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.

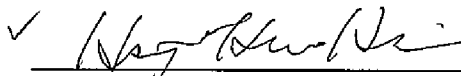
AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

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: Hsing-Kuo Hsia

Residence Address: F7, No. 13, Fu-Hsin 6th Road
Jhubei City, Hsin Chu County, Taiwan, R.O.C.

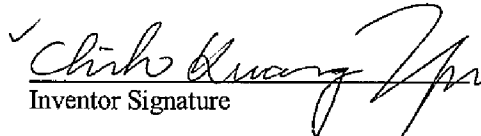
Dated: ✓ 10/15/10

✓ 
Inventor Signature

Inventor Name: Chih-Kuang Yu

Residence Address: No. 6, Lane 43, Heping Road, East District
Chiayi City 600, Taiwan, R.O.C.

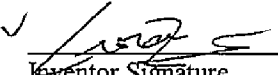
Dated: ✓ 10/06/2010

✓ 
Inventor Signature

Inventor Name: Gordon Kuo

Residence Address: 1F, No. 29, Lane 169, Leye Street, Da-An District
Taipei City 106, Taiwan, R.O.C.

Dated: ✓ October 5, 2010

✓ 
Inventor Signature
