

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zhen-Yu Li</td> <td>10/16/2012</td> </tr> <tr> <td>Hon-Way lin</td> <td>10/16/2012</td> </tr> <tr> <td>Chung-Pao Lin</td> <td>10/16/2012</td> </tr> <tr> <td>Hsing-Kuo Hsia</td> <td>10/16/2012</td> </tr> <tr> <td>Hao-Chung Kuo</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Zhen-Yu Li	10/16/2012	Hon-Way lin	10/16/2012	Chung-Pao Lin	10/16/2012	Hsing-Kuo Hsia	10/16/2012	Hao-Chung Kuo	10/16/2012
Name	Execution Date												
Zhen-Yu Li	10/16/2012												
Hon-Way lin	10/16/2012												
Chung-Pao Lin	10/16/2012												
Hsing-Kuo Hsia	10/16/2012												
Hao-Chung Kuo	10/16/2012												
RECEIVING PARTY DATA													
Name:	TSMC Solid State Lighting Ltd.												
Street Address:	9, Li-Hsin 4th Rd.												
Internal Address:	HsinChu Science Park												
City:	HsinChu												
State/Country:	TAIWAN												
Postal Code:	300-77												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13616299</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13616299								
Property Type	Number												
Application Number:	13616299												
CORRESPONDENCE DATA													
Fax Number:	2142000853												
<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:	48047.131/20012-0719												

OP \$40.00 13616299

NAME OF SUBMITTER:

David M. O'Dell

Total Attachments: 3

source=48047-131Assignment#page1.tif

source=48047-131Assignment#page2.tif

source=48047-131Assignment#page3.tif

ASSIGNMENT

WHEREAS, we,

- | | | | |
|-----|----------------|----|---|
| (1) | Zhen-Yu Li | of | No. 19, Zuntoukeng, Zhuqi Township
Chiayi County 604, Taiwan, R.O.C. |
| (2) | Hon-Way Lin | of | 13F-5, No. 123, Puding 2 nd Rd., East Dist.
Hsinchu City 300, Taiwan, R.O.C. |
| (3) | Chung-Pao Lin | of | No. 26, Ln. 1, Wuhua Street, Sanchong Dist.
New Taipei City 241, Taiwan, R.O.C. |
| (4) | Hsing-Kuo Hsia | of | F7, No. 13 Fu-Hsin 6 th Road, Jhubei City
Hsin Chu County, Taiwan, R.O.C. |
| (5) | Hao-Chung Kuo | of | 3F, No. 135, Fuxing 1 st Street, Tsu-bai City
Hsin-Tsu County 302, Taiwan, R.O.C. |

have invented certain improvements in

**III-V GROUP COMPOUND DEVICES WITH IMPROVED EFFICIENCY
AND DROOP RATE**

for which we have filed and executed an application for Letters Patent of the United States of America on 09-14-2012, as U.S. Serial No. 13/616,299; and

WHEREAS, TSMC Solid State Lighting Ltd., 9, Li-Hsin 4th Rd., HsinChu Science Park, HsinChu, Taiwan, ROC. 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 Solid State Lighting Ltd., 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 Solid State Lighting Ltd., 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 Solid State Lighting Ltd., 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 Solid State Lighting Ltd., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name: Zhen-Yu Li

Residence Address: No. 19, Zuntoukeng, Zhuqi Township
Chiayi County 604, Taiwan, R.O.C.

Dated: 10-16-2012

Zhen-Yu Li

Inventor Signature

Inventor Name: Hon-Way Lin

Residence Address: 13F-5, No. 1213, Puding 2nd Rd., East Dist.
Hsinchu City 300, Taiwan, R.O.C.

Dated: 10-16-2012

Hon-Way Lin

Inventor Signature

Inventor Name: Chung-Pao Lin

Residence Address: No. 26, Ln. 1, Wuhua Street, Sanchong Dist.
New Taipei City 241, Taiwan, R.O.C.

Dated: 10-16-2012


Chung-Pao Lin

Inventor Signature

Inventor Name: Hsing-Kuo Hsia

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

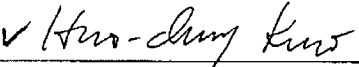
Dated: ✓ 10/16/2012

✓ 
Inventor Signature

Inventor Name: Hao-Chung Kuo

Residence Address: 3F, No. 135, Fuxing 1st Street, Tsu-bai City
Hsin-Tsu County 302, Taiwan, R.O.C.

Dated: ✓ 10-16-2012

✓ 
Inventor Signature
