

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT                |               |                |                     |            |            |            |               |            |              |            |
|--|-------------------------------|---------------|----------------|---------------------|------------|------------|------------|---------------|------------|--------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                    |               |                |                     |            |            |            |               |            |              |            |
| <b>CONVEYING PARTY DATA</b>  |                               |               |                |                     |            |            |            |               |            |              |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kuo-Hsing Cheng</td> <td>07/17/2009</td> </tr> <tr> <td>Wai-Pan Wu</td> <td>07/17/2009</td> </tr> <tr> <td>Kuo-Hsien Lee</td> <td>07/17/2009</td> </tr> <tr> <td>Chun-Huai Li</td> <td>07/17/2009</td> </tr> </tbody> </table> |                               | Name          | Execution Date | Kuo-Hsing Cheng     | 07/17/2009 | Wai-Pan Wu | 07/17/2009 | Kuo-Hsien Lee | 07/17/2009 | Chun-Huai Li | 07/17/2009 |
| Name   | Execution Date                |               |                |                     |            |            |            |               |            |              |            |
| Kuo-Hsing Cheng  | 07/17/2009                    |               |                |                     |            |            |            |               |            |              |            |
| Wai-Pan Wu   | 07/17/2009                    |               |                |                     |            |            |            |               |            |              |            |
| Kuo-Hsien Lee  | 07/17/2009                    |               |                |                     |            |            |            |               |            |              |            |
| Chun-Huai Li   | 07/17/2009                    |               |                |                     |            |            |            |               |            |              |            |
| <b>RECEIVING PARTY DATA</b>  |                               |               |                |                     |            |            |            |               |            |              |            |
| Name:  | AU OPTRONICS CORP.            |               |                |                     |            |            |            |               |            |              |            |
| Street Address:  | No. 1, Li-Hsin Rd. 2          |               |                |                     |            |            |            |               |            |              |            |
| Internal Address:  | Science-Based Industrial Park |               |                |                     |            |            |            |               |            |              |            |
| City:  | Hsinchu                       |               |                |                     |            |            |            |               |            |              |            |
| State/Country:   | TAIWAN                        |               |                |                     |            |            |            |               |            |              |            |
| Postal Code:   | 300, R.O.C.                   |               |                |                     |            |            |            |               |            |              |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |                               |               |                |                     |            |            |            |               |            |              |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12407167</td> </tr> </tbody> </table>  |                               | Property Type | Number         | Application Number: | 12407167   |            |            |               |            |              |            |
| Property Type  | Number                        |               |                |                     |            |            |            |               |            |              |            |
| Application Number:  | 12407167                      |               |                |                     |            |            |            |               |            |              |            |
| <b>CORRESPONDENCE DATA</b>   |                               |               |                |                     |            |            |            |               |            |              |            |
| Fax Number:  | (770)951-0933                 |               |                |                     |            |            |            |               |            |              |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                               |               |                |                     |            |            |            |               |            |              |            |
| Phone:   | 770-933-9500                  |               |                |                     |            |            |            |               |            |              |            |
| Email:   | dan.mcclure@tkhr.com          |               |                |                     |            |            |            |               |            |              |            |
| Correspondent Name:  | Daniel R. McClure             |               |                |                     |            |            |            |               |            |              |            |
| Address Line 1:  | 600 GALLERIA PARKWAY, S.E.    |               |                |                     |            |            |            |               |            |              |            |
| Address Line 2:  | STE 1500                      |               |                |                     |            |            |            |               |            |              |            |
| Address Line 4:  | ATLANTA, GEORGIA 30339-5994   |               |                |                     |            |            |            |               |            |              |            |
| ATTORNEY DOCKET NUMBER:  | 250122-4400                   |               |                |                     |            |            |            |               |            |              |            |
| NAME OF SUBMITTER:   | Daniel R. McClure             |               |                |                     |            |            |            |               |            |              |            |

OP \$40.00 12407167

Total Attachments: 4

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# ASSIGNMENT

WHEREAS, Kuo-Hsing CHENG, Wai-Pan WU, Kuo-Hsien LEE, and Chun-Huai LI  
Hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: SHIFT REGISTERS

Filed: March 19, 2009 Serial No. : 12/407,167

Executed on: \_\_\_\_\_

WHEREAS, AU Optronics Corp. of No. 1, Li-Hsin Rd., 2, Science-Based Industrial Park, Hsinchu 300, Taiwan (R.O.C.) hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign, and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Kuo-Hsing Cheng  
Kuo-Hsing CHENG

2009. 07. 17  
Date

Kuo-Hsien LEE for Wai-Pan WU  
Wai-Pan WU

2009. 07. 17  
Date

**ASSIGNMENT**

Kuo-Hsien LEE  
Kuo-Hsien LEE

2009. 07. 17  
Date

Chun-Huai LI  
Chun-Huai LI

2009. 07. 17  
Date

# 申請權證明書

發明(創作)人同意將所發明(創作)之「 移位暫存器 」  
專利申請權讓由「友達光電股份有限公司」申請專利。

此 證

發明(創作)人：1. 鄭國興 簽名 鄭國興

身份證字號：A121937156

2. 胡維賓 簽名 胡維賓

身份證字號：DA00000226

3. 李國賢 簽名 李國賢

身份證字號：A125154126

4. 李純權 簽名 李純權

身份證字號：T125813277

中 華 民 國 96 年 10 月 29 日

## ASSIGNMENT

The inventor(s) agree to assign the invention, "SHIFT REGISTERS"  
to "AU Optronics Corp." for patent application.

Whereas

Inventors:

- |   |                      |
|---|----------------------|
| 1. Kuo-Hsing CHENG<br>ID No. A121937156 | seal Kuo-Hsing CHENG |
| 2. Wai-Pan WU<br>ID No. DA00000226      | seal Wai-Pan WU      |
| 3. Kuo-Hsien LEE<br>ID No. A125154126   | seal Kuo-Hsien LEE   |
| 4. Chun-Huai LI<br>ID No. T122813277    | seal Chun-Huai LI    |

Taiwan (R.O.C.)-year 96, October 29 (October 29, 2007)