### PATENT ASSIGNMENT

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hung-Chi Wang</td>
<td>12/07/2012</td>
</tr>
<tr>
<td>Wen-Chiang Huang</td>
<td>12/04/2012</td>
</tr>
<tr>
<td>Meng-Ju Wu</td>
<td>02/06/2013</td>
</tr>
<tr>
<td>Rung-Yuan Chang</td>
<td>02/18/2013</td>
</tr>
<tr>
<td>Chun-Fan Chung</td>
<td>12/04/2012</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

- **Name:** AU Optronics Corporation
- **Street Address:** No. 1, Li-Hsin Road 2, Science-Based Industrial Park
- **City:** Hsinchu
- **State/Country:** TAIWAN
- **Postal Code:** 300

### PROPERTY NUMBERS

- **Total:** 1

<table>
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<tr>
<th>Property Type</th>
<th>Number</th>
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<tr>
<td>Application Number</td>
<td>13769577</td>
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### CORRESPONDENCE DATA

- **Fax Number:** 404-3659532
- **Phone:** 404-233-7000
- **Email:** ipdocket@mmmlaw.com
- **Correspondent Name:** MORRIS MANNING MARTIN LLP
- **Address Line 1:** 3343 PEACHTREE ROAD, NE
- **Address Line 2:** 1600 ATLANTA FINANCIAL CENTER
- **Address Line 4:** ATLANTA, GEORGIA 30326

### ATTORNEY DOCKET NUMBER:

14775-86535

### NAME OF SUBMITTER:

Tim Tingkang Xia
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

<table>
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<tr>
<th>Title of Invention</th>
<th>DRIVING CIRCUIT AND DISPLAY DEVICE OF USING SAME</th>
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As a below named inventor I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☐ United States application or PCT international application number ____________________________

filed on ____________________________

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of the claimed invention in the application.

WHEREAS, Al Optronics Corporation, having an office and place of business at No. 1 Li-Shin Road 2, Science-Based Industrial Park, Hsinchu 300, Taiwan, R.O.C. (hereinafter “Assignee”) is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: Hung-Chi Wang  Date: 2012/12/07

Signature: Hung-Chi Wang
MORRIS, MANNING & MARTIN, LLP

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LEGAL NAME OF INVENTOR

Inventor: Wen-Chiang Huang

Date: 2012-12-04

Signature: Wen-Chiang Huang
DEPARTMENT OF COMMERCE
PATENT OFFICE

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LEGAL NAME OF INVENTOR

Inventor: Meng-Ju Wu

Date: 2013.02.06

Signature: [Meng-Ju Wu]
**Title of Invention**: DRIVING CIRCUIT AND DISPLAY DEVICE OF USING SAME

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**LEGAL NAME OF INVENTOR**

Inventor: Rung-Yuan Chang  
Date: 3/18/18  
Signature: Rung-Yuan Chang
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**LEGAL NAME OF INVENTOR**

Inventor: Chun-Fan Chung  
Date: 2012.12.4

Signature: Chun-Fan Chung