

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2694757

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>CHUNG-CHING HSIEH</td> <td>10/25/2013</td> </tr> <tr> <td>YANG-CHU LIN</td> <td>10/28/2013</td> </tr> <tr> <td>HSI-CHIEN LIN</td> <td>10/27/2013</td> </tr> <tr> <td>TE-SHENG CHEN</td> <td>10/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	CHUNG-CHING HSIEH	10/25/2013	YANG-CHU LIN	10/28/2013	HSI-CHIEN LIN	10/27/2013	TE-SHENG CHEN	10/24/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>AU OPTRONICS CORP.</td> </tr> <tr> <td>Street Address:</td> <td>NO.1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK</td> </tr> <tr> <td>City:</td> <td>HSIN-CHU</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	AU OPTRONICS CORP.	Street Address:	NO.1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK	City:	HSIN-CHU	State/Country:	TAIWAN		
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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>14068979</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14068979						
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CORRESPONDENCE DATA											
<p>Fax Number: (202)408-0924</p> <p>Phone: 202-371-8976</p> <p>Email: firm@rabinberdo.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: RABIN &amp; BERDO, P.C.</p> <p>Address Line 1: 1101 14TH ST., N.W., SUITE 500</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	SUND-1201D1										
NAME OF SUBMITTER:	STEVEN M. RABIN										
Signature:	/Steven M. Rabin/										
Date:	01/23/2014										

PATENT

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 7**

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Attorney Reference: \_\_\_\_\_

## ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Chung-Ching Hsieh, Yang-Chu Lin, Hsi-Chien Lin and Te-Sheng Chen  
hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to  
**POLYMERIZABLE MONOMER AND LIQUID CRYSTAL MATERIAL APPLIED TO DISPLAY PANEL**

☒ said application being attached hereto;  
☐ said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable);  
☐ the specification of which was filed under the Patent Cooperation Treaty on \_\_\_\_\_ Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS AU OPTRONICS CORP., hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof,

NOW THIS WITNESSETH, that for and in consideration of good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

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

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

**WITNESS:**

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**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

**ASSIGNOR (SOLE OR FIRST INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Chung-Ching Hsieh

Date: \_\_\_\_\_

**ASSIGNOR (SECOND INVENTOR):**Signature: Yang-Chu LinLegal Name: Yang-Chu LinDate: 2013 / 10 / 28**ASSIGNOR (THIRD INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Hsi-Chien Lin

Date: \_\_\_\_\_

**ASSIGNOR (FOURTH INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Te-Sheng Chen

Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_

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**ASSIGNOR (SOLE OR FIRST INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Chung-Ching Hsieh

Date: \_\_\_\_\_

**ASSIGNOR (SECOND INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Yang-Chu Lin

Date: \_\_\_\_\_

**ASSIGNOR (THIRD INVENTOR):**Signature: Hsi-Chien LinLegal Name: Hsi-Chien LinDate: 10/20/2013**ASSIGNOR (FOURTH INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Te-Sheng Chen

Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_

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Date: \_\_\_\_\_

**ASSIGNOR (SECOND INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Yang-Chu Lin

Date: \_\_\_\_\_

**ASSIGNOR (THIRD INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Hsi-Chien Lin

Date: \_\_\_\_\_

**ASSIGNOR (FOURTH INVENTOR):**Signature: Te-Sheng ChenLegal Name: Te-Sheng ChenDate: 2013/10/24

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY  
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

<b>Title of Invention</b>	POLYMERIZABLE MONOMER AND LIQUID CRYSTAL MATERIAL APPLIED TO DISPLAY PANEL		
This statement is directed to:			
<input checked="" type="checkbox"/> The attached application,			
OR			
<input type="checkbox"/> United States application or PCT international application number _____ filed on _____.			
<b>LEGAL NAME of inventor to whom this substitute statement applies:</b>			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Chung-Ching Hsieh			
Residence (except for a deceased or legally incapacitated inventor):			
City	Hsin-Chu	State	Taiwan,R.O.C.
Mailing Address (except for a deceased or legally incapacitated inventor):			
No.1, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu, Taiwan 300, R.O.C.			
City	Hsin-Chu	State	300
		Zip	Taiwan,R.O.C.
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input checked="" type="checkbox"/> Assignee,			
<input type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

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This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

PTO/GB/AIA02 (09-12)

Approved for use through 01/31/2014. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT**

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☒ Inventor cannot be found or reached after diligent effort, or
- ☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

**PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

Name: Kai-Ti Chen (Senior Manager) Date (Optional): 2013.10.25

Signature: Kai Ti Chen Senior Manager of AU OPTRONICS CORP.  
in Patent Prosecution Dept.

Residence (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City Hsin-Chu State \_\_\_\_\_ Country Taiwan, R.O.C.

Mailing Address (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

No.1, Li-Hsin Road II, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C.

City Hsin-Chu State \_\_\_\_\_ Zip \_\_\_\_\_ Country Taiwan, R.O.C.

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

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## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary, and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

**PATENT**

**RECORDED: 01/23/2014**

**REEL: 032030 FRAME: 0716**