

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5852216

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PO-LAN HUNG	11/19/2019
YU-TSUNG HUANG	11/19/2019
WEN-PIN SHEN	11/20/2019
LI-CHIH HSU	12/04/2019
PEI-CHIA WU	11/20/2019
YEN-PO WANG	11/19/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AU OPTRONICS CORPORATION
<b>Street Address:</b>	No. 1, Li-Hsin Rd.2, Science-Based Industrial Park
<b>City:</b>	Hsin-Chu
<b>State/Country:</b>	Taiwan ROC
<b>Postal Code:</b>	300
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16704362
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)880-7487
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	703-639-0151
<b>Email:</b>	assignment@WPAT.COM
<b>Correspondent Name:</b>	WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS
<b>Address Line 1:</b>	8230 BOONE BLVD, SUITE 405
<b>Address Line 4:</b>	VIENNA, VIRGINIA 22182
<b>ATTORNEY DOCKET NUMBER:</b>	67527-051
<b>NAME OF SUBMITTER:</b>	JUSTIN KING
<b>SIGNATURE:</b>	/Justin King/
<b>DATE SIGNED:</b>	12/05/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 6**

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AUO-General

Derivation of PTO/AIA/01, 02 (Rev. 6-12)  
Copyright © 2012 WPAT, PC**Combined Declaration and Assignment for Patent Application**

For the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISPLAY DEVICE
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I hereby declare that: As a below named inventor

The specification of which is attached hereto unless the following box is checked:

was filed on

as United States Application Number or PCT International Application Number

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

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

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

**ASSIGNMENT**

WHEREAS, I(we), the named inventor(s), whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR.

WHEREAS, AU OPTRONICS CORPORATION

whose post office address is No. 1, Li-Hsin Rd.2, Science-Based Industrial Park, Hsin-Chu 300, Taiwan (R.O.C.) hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part, and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives;

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**PATENT**  
**REEL: 051190 FRAME: 0674**

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ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Legal Name of the Sole Or First Inventor			
First And Middle Name PO-LAN		Last Name of Inventor HUNG	
Signature HUNG, PO-LAN		Signature Date (month/day/year) 2019/4/19	
Residence: City Hsin-Chu	State	Country Taiwan (R.O.C.)	
Mailing Address No. 1, Li-Hsin Rd.2, Science-Based Industrial Park, Hsin-Chu 300, Taiwan (R.O.C.)			
City Hsin-Chu	State	Zip 300	Country Taiwan (R.O.C.)

Legal Name of the Joint Inventor			
First And Middle Name YU-TSUNG		Last Name of Inventor HUANG	
Signature HUANG, YU-TSUNG		Signature Date (month/day/year) 2019/11/19	
Residence: City Hsin-Chu	State	Country Taiwan (R.O.C.)	
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City Hsin-Chu	State	Zip 300	Country Taiwan (R.O.C.)

Legal Name of the Joint Inventor			
First And Middle Name WEN-PIN		Last Name of Inventor SHEN	
Signature SHEN, WEN-PIN		Signature Date (month/day/year) 2019/11/20	
Residence: City Hsin-Chu	State	Country Taiwan (R.O.C.)	
Mailing Address No. 1, Li-Hsin Rd.2, Science-Based Industrial Park, Hsin-Chu 300, Taiwan (R.O.C.)			
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Legal Name of the Joint Inventor			
First And Middle Name LI-CHIH		Last Name of Inventor HSU	
Signature		Signature Date (month/day/year)	
Residence: City Hsin-Chu	State	Country Taiwan (R.O.C.)	
Mailing Address No. 1, Li-Hsin Rd.2, Science-Based Industrial Park, Hsin-Chu 300, Taiwan (R.O.C.)			
City Hsin-Chu	State	Zip 300	Country Taiwan (R.O.C.)

Legal Name of the Joint Inventor			
First And Middle Name PEI-CHIA		Last Name of Inventor WU	
Signature WU, PEI-CHIA		Signature Date (month/day/year) 2019/11/20	
Residence: City Hsin-Chu	State	Country Taiwan (R.O.C.)	
Mailing Address No. 1, Li-Hsin Rd.2, Science-Based Industrial Park, Hsin-Chu 300, Taiwan (R.O.C.)			
City Hsin-Chu	State	Zip 300	Country Taiwan (R.O.C.)

Legal Name of the Joint Inventor			
First And Middle Name YEN-PO		Last Name of Inventor WANG	
Signature Yen Po Wang		Signature Date (month/day/year) 2019/11/19	
Residence: City Hsin-Chu	State	Country Taiwan (R.O.C.)	
Mailing Address No. 1, Li-Hsin Rd.2, Science-Based Industrial Park, Hsin-Chu 300, Taiwan (R.O.C.)			
City Hsin-Chu	State	Zip 300	Country Taiwan (R.O.C.)

AUO-General

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**PATENT****REEL: 051190 FRAME: 0677**

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<b>Legal Name of the Sole Or First Inventor</b>			
First And Middle Name <b>PO-LAN</b>		Last Name of Inventor <b>HUNG</b>	
Signature		Signature Date (month/day/year)	
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<b>Legal Name of the Joint Inventor</b>			
First And Middle Name <b>YU-TSUNG</b>		Last Name of Inventor <b>HUANG</b>	
Signature		Signature Date (month/day/year)	
Residence: City <b>Hsin-Chu</b>	State	Country <b>Taiwan (R.O.C.)</b>	
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<b>Legal Name of the Joint Inventor</b>			
First And Middle Name <b>WEN-PIN</b>		Last Name of Inventor <b>SHEN</b>	
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Legal Name of the Joint Inventor			
First And Middle Name LI-CHIH		Last Name of Inventor HSU	
Signature <i>Li-Chih Hsu</i>		Signature Date (month/day/year) 2019.12.4	
Residence: City Hsin-Chu	State	Country Taiwan (R.O.C.)	
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City Hsin-Chu	State	Zip 300	Country Taiwan (R.O.C.)

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Signature		Signature Date (month/day/year)	
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Mailing Address No. 1, Li-Hsin Rd.2, Science-Based Industrial Park, Hsin-Chu 300, Taiwan (R.O.C.)			
City Hsin-Chu	State	Zip 300	Country Taiwan (R.O.C.)