

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3441468

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Meng-Ju WU	06/17/2015
Chun-Fan CHUNG	05/18/2015
Yu-Hsi HO	06/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AU Optronics Corporation
<b>Street Address:</b>	NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK
<b>City:</b>	HSIN-CHU
<b>State/Country:</b>	Taiwan ROC
<b>Postal Code:</b>	
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14717039
<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
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<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>	67707-018DIV
<b>NAME OF SUBMITTER:</b>	JUSTIN KING
<b>SIGNATURE:</b>	/Justin King/
<b>DATE SIGNED:</b>	07/16/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	
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**PATENT**

**REEL: 036195 FRAME: 0473**

Derivation of PTO/AIA 37 (Rev. 5-13)  
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AU1107098/NP-10934-1-US

**Combined Declaration and Assignment for Patent Application**

In Chinese/English

**美國專利申請聲明以及美國專利轉讓**

For the subject matter which is claimed and for which a patent is sought on the invention entitled:  
專利申請權所要保護的發明名稱如下:

**DISPLAY PANEL WITH PRE-CHARGING OPERATIONS, AND METHOD FOR DRIVING THE SAME**

I hereby declare that I/s a below named inventor  
我在此宣佈：作為以下發明者

The specification of which is attached hereto unless the following box is checked 特此將說明書在此附上，除非以下方格已打叉：

☐ was filed on 其發明已於 May 20, 2015 實于

as United States Application Number or PCT International Application Number 其美國申請號碼或PCT國際申請號碼為

14/717,039

The above-identified application was made or authorized to be made by me.  
以上所標之申請係由我簽署或經我授權簽署。

I believe I am the original inventor or an (original) joint inventor of a claimed invention in the application.  
我相信我是發明人或是共同發明人。

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.  
我了解，按照美國法典第十八條第一零一節，任何有意虛偽的聲明可受到罰款和/或五年以下有監禁。

**ASSIGNMENT**

美國專利轉讓

WHEREAS, I/we, the named inventor(s), whose post office address(es) appear(s) below, hereinafter referred to as Assignor(s).  
作為下列地址地址的發明者，在此轉讓。

WHEREAS, [AU Optonics Corporation]  
whose post office address is [NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK HSIEN-CHU TAIWAN ROC]  
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.

[AU Optonics Corporation] 位於 [NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK HSIEN-CHU] (TAIWAN ROC),  
在此轉讓受入，其所有權及利益將歸於此受入所有權利。

**PATENT****REEL: 036195 FRAME: 0474**

AU1107098/NP-10934-1-US

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.

根據所收到的相關價值，轉讓人據此將本發明轉讓於讓受人。此轉讓包括本發明以及本發明案之所有在美國的相關權利，包括任何專利有效期內的分案，續案，重新核發案，並包括在國際公約所保障的優先權。

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.

轉讓人將不會簽署任何與此轉讓書相悖逆的再轉讓、販售、或合同協議。

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;

轉讓人將無條件協助簽署任何法律上所需要與本發明相關的文件，包括提交申請，回駁答辯，年費，以及任何證明讓受人擁有本發明之文件。在讓受人的要求下，轉讓人也將無條件協助讓受人，提供讓受人轉讓人所持有的發明文件資料，並提供讓受人或是讓受人的法定繼承人在法律上所要求的回駁答辯，侵權訴訟相關協助。

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 behoof; and for the use and behoof 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.

轉讓人在此要求美國專利商標局在核發本發明專利時，根據以上所陳述讓受人在本發明以及本發明案之所有在美國的相關權利，核發於讓受人。

Legal Name of the Sole Or First Inventor 第一或是唯一發明者正式名字			
First And Middle Name 發明者名 <b>Meng-Ju</b>		Last Name of Inventor 發明者姓 <b>WU</b>	
Signature 發明者簽字 		Signature Date (month/day/year) 簽字日期(月/日/年) 2015/06/17	
Residence: City 居住之縣市 <b>HSIN-CHU</b>	State 省	Country 國家 <b>TAIWAN, R.O.C.</b>	
Mailing Address 郵寄地址 <b>NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU, TAIWAN, R.O.C.</b>			
City 縣市 <b>HSIN-CHU</b>	State 省	Zip 郵遞區號	Country 國家 <b>TAIWAN, R.O.C.</b>

AU1107098/NP-10934-1-US

Legal Name of the Joint Inventor 共同發明者正式姓名			
First And Middle Name 發明者之 <b>Chou-Fan</b>		Last Name of Inventor 發明者姓 <b>CHIUNG</b>	
Signature 發明者簽名 <i>Chou Fan, Chung</i>		Signature Date (month/day/year) 簽字日期(月/日/年) <i>May 18, 2015</i>	
Residence: City 居住之城市 <b>HSIN-CHU</b>	State 省	Country 國家 <b>TAIWAN, R.O.C.</b>	
Mailing Address 郵寄地址: <b>NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU, TAIWAN, R.O.C.</b>			
City 城市 <b>HSIN-CHU</b>	State 省	Zip 郵政區號	Country 國家 <b>TAIWAN, R.O.C.</b>

Legal Name of the Joint Inventor 共同發明者正式姓名			
First And Middle Name 發明者之 <b>Yu-Hsi</b>		Last Name of Inventor 發明者姓 <b>HO</b>	
Signature 發明者簽名		Signature Date (month/day/year) 簽字日期(月/日/年)	
Residence: City 居住之城市 <b>HSIN-CHU</b>	State 省	Country 國家 <b>TAIWAN, R.O.C.</b>	
Mailing Address 郵寄地址: <b>NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU, TAIWAN, R.O.C.</b>			
City 城市 <b>HSIN-CHU</b>	State 省	Zip 郵政區號	Country 國家 <b>TAIWAN, R.O.C.</b>

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14/717,039

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I believe I am the original inventor or an (original) joint inventor of a claimed invention in the application.  
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 作為以下所標地址之發明者，在此特此聲明。

WHEREAS, [AU Optonics Corporation]  
 whose post office address is [NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK Hsin-CHU TAIWAN ROC]  
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[AU Optonics Corporation] 位於[NO. 1, LI-HSIN ROAD 2, SCIENCE-BASED INDUSTRIAL PARK Hsin-CHU] TAIWAN ROC],  
 在此特此聲明，其欲取得上述發明之全部權利。

**PATENT****REEL: 036195 FRAME: 0477**

AU1107098/NP-10934-1-US

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.

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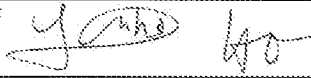
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Legal Name of the Sole Or First Inventor 第一或是唯一發明者正式名字			
First And Middle Name 發明者名 <b>Meng-Ju</b>		Last Name of Inventor 發明者姓 <b>WU</b>	
Signature 發明者簽字 <i>Meng-Ju Wu</i>		Signature Date (month/day/year) 簽字日期(月/日/年) 2015/06/17	
Residence: City 居住之縣市 <b>HSIN-CHU</b>	State 省	Country 國家 <b>TAIWAN, R.O.C.</b>	
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AU1107098/NP-10934-1-US

Legal Name of the Joint Inventor 共同發明者正式名字			
First And Middle Name 發明者名 <b>Chun-Fan</b>		Last Name of Inventor 發明者姓 <b>CHUNG</b>	
Signature 發明者簽字		Signature Date (month/day/year) 簽字日期(月/日/年)	
Residence: City 居住之縣市 <b>HSIN-CHU</b>	State 省	Country 國家 <b>TAIWAN, R.O.C.</b>	
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City 縣市 <b>HSIN-CHU</b>	State 省	Zip 郵遞區號	Country 國家 <b>TAIWAN, R.O.C.</b>

Legal Name of the Joint Inventor 共同發明者正式名字			
First And Middle Name 發明者名 <b>Yu-Hsi</b>		Last Name of Inventor 發明者姓 <b>HO</b>	
Signature 發明者簽字 		Signature Date (month/day/year) 簽字日期(月/日/年) <b>2015/6/1</b>	
Residence: City 居住之縣市 <b>HSIN-CHU</b>	State 省	Country 國家 <b>TAIWAN, R.O.C.</b>	
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