## 502082231 10/02/2012

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
Tai-Ling Chan	09/24/2012
Chung-Yu Mao	09/24/2012
Chung-Kuan Ting	09/24/2012

#### **RECEIVING PARTY DATA**

Name:	AU Optronics Corp.
Street Address:	No.1,Li-Hsin Road 2,Science-Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13633607

#### CORRESPONDENCE DATA

Fax Number: 4043659532

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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:	15042-86835
NAME OF SUBMITTER:	Tim Tingkang Xia
	This document serves as an Oath/Declaration (37 CFR 1.63).

## Total Attachments: 3

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> PATENT REEL: 029064 FRAME: 0270

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502082231

Attorney Docket No.: 15042-86835

# MORRIS, MANNING & MARRIN, LLP

DECLARATION (87 CF)	R 1.63) FOR UTILITY OR DESIGNAPPLICATION USING AN APPLICATION DATA EET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of Invention B	BLOCKING ELEMENT AND ITS USE IN PROTECTIVE STRUCTURE
As a below named inventor  This declaration is:  In the attached application of the above identification of all rights a which may be granted there is as a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted there is a signment of all rights a which may be granted and a signment of all rights a which may be granted and a signment of all rights a which may be granted and a signment of all rights a which may be granted and a signment of all rights a which may be granted and a signment of all rights a which may be granted and a signment of all rights a which may be granted and a signment of all rights a which may be granted and a signment of a sign	Thereby declare that: directed to: dation, or ication or PCT international application number 13/633,607,
AND, for the consi- make, execute and deliver- affidavits, assignments and- facts known to us/me relati- generally do all things while successors or assigns the en-	ideration aforesaid, I do hereby agree that I and out/my executors and legal representatives will any and all other instruments in writing including any and all further application papers, other documents, and will-communicate to said Assignee, its successors and representatives all ing to said improvements and the history thereof and will-testify in all legal proceedings and of imay be necessary or desirable more effectually to accure to and west in said Assignee, its tire right, afthe and interest in and to the improvements, inventions, applications, Letters Patent, eggs and advantages hereby sold, assigned and conveyed, or intended so to be.
mortgage, license or other a	Leovenant and agree with said Assignee, its successors and assigns, that no assignment, grant, greement affecting the rights and property herein conveyed has been made to others by us/me the same as herein expressed is possessed by us/me.
I hereby acknowled by fine or imprisonment of a	dge that any willful false statement made in this declaration is punishable under 18 USC 1001 not more than five (5) years, or both.
LEGAL NAME O	F INVENCOR
Inventor: Tai-l	Ling GHAN Date: 20/2/09/24
Signature: <u>Ta7</u>	- Ling Chan

PATENT REEL: 029064 FRAME: 0271

# Attorney Docket No.:15042-86835

# MORRIS, MANNING & MARTIN, LLP

DECLARATION (3	7 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of Invention	BLOCKING ELEMENT AND ITS USE IN PROTECTIVE STRUCTURE
As a below named in	entor Thereby declare that:
This declarat	ion is directed to:
	application, or
1	application or PCT international application number 13/633,607,
filed on Oc	tober 2, 2012
The above-io	lentified application was made or authorized to be made by me.
Î helieve that	I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, Science-Based Industratific and interest in ar therefor:	AU Optronics Corp.  having an office and place of business at No.1, Li-Hsin Road place
Dollar and other good sold, assigned, and in assigns, the entire right aforesaid application, which have been or shan assignment of all twitch may be granted issue any and all Un	EFORE, to all whom it may concern, be it known that for and in consideration of the sum of One d and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have ansferred, and by these presents do sell, assign and transfer unto said. Assignee, its successors or the fifth and interest for all countries in and to all inventions and improvements disclosed in the and in and to the application, all divisionals, continuations, or renewals thereof, all Letters Patent d, therefrom, and all reissues or extensions of such patents, and in and to any and all applications all be filed in any foreign countries for Letters Patent on the inventions and improvements, including ights under the provisions of the International Convention, and all Letters Patent of foreign countries I therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to ited States Letters Patent for the aforesaid inventions and improvements to the Assignee as the right, aftle and interest in and to the same. For the use of the Assignee, its successors and assigns.
make, execute and d affidavits, assignment facts known to us/me generally do all thing successors or assigns:	consideration aforesaid. I do hereby agree that I and out/my executors and legal representatives will eliver any and all other instruments in writing including any and all further application papers, sand other documents, and will communicate to said Assignee, its successors and representatives all relating to said improvements and the history thereof and will testify in all legal proceedings and swhich may be necessary or desirable more effectually to secure to and vest in said Assignee, its the entire right, fittle and interest in and to the improvements, inventions, applications, Letters Patent, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.
mortgage, license or c	more I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, other agreement affecting the rights and property berein conveyed has been made to others by us/me onvey the same as herein expressed is possessed by us/me.
	nowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 in of not more than live (5) years, or both.
LEGAL NA	ME OF INVENTOR
Inventor:	Chung-Yu MAO Date: 2012/09/24
1	Chang-Yet May

PATENT REEL: 029064 FRAME: 0272 Attorney Docket No.: 15042-86835

# MORRIS, MANNING & MARTIN, LLP

DECLAR	ATION (3'	FCRT 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CRT 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of In	vention	BLOCKING ELEMENT AND ITS USE IN PROTECTIVE STRUCTURE
As a below	named inv	entor Thereby declare that:
°C1	nis declarati	on is directed to:
1		application, or
X U	nited States	application or PCT international application number 13/633,607,
fil	ed on Oct	ober 2, 2012
T	re above-id	entified application was made or authorized to be made by me.
14	relieve that	Lain the original inventor or an original joint inventor of a claimed invention in the application.
W Science-Bas title and in therefor;	HEREAS, sed Industria torest in an	AU Optronics Corp.  having an office and place of business at No.1, Li-Hsin Road 2 at Park, Hsin-Chu, Taiwan, R.O.C.  (hereinafter "Assigned") is desirous of acquiring the entire right, does not inventions, improvements and application and in and to the Letters Patent to be obtained
sold, assign assigns, the aforesaid a which may which have an assignm which may issue any a assignee of	ned, and tra- e-enfire rigi- pplication, be granted been or shi ent of all rig be granted and all Uni- the entire r	and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have unsferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or fit, fitle and integest for all countries in and to all inventions and improvements disclosed in the and in and to the application, all divisionals, continuations, or renewals thereof, all Letters Patent therefrom, and all reissues or extensions of such patents, and in and to any and all applications all be filed in any foreign countries for Letters Patent on the inventions and improvements, including ghts under the provisions of the International Convention, and all Letters Patent of foreign countries therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to ted States Letters Patent for the aforesaid inventions and improvements to the Assignee as the ight, title and interest in and to the same, for the use of the Assignee, its successors and assigns.
make, execution affidavits, a facts known generally dispecsors	ute and de assignments n to us/me o all things or assigns the	liver any and all other instruments in writing including any and all further application papers, and other documents and will communicate to said Assignee, its successors and representatives all relating to said improvements and the history thereof and will testify in all legal proceedings and which may be necessary or desirable more effectually to secure to and vest in said Assignee, its needing right, title and interest in and to the improvements, inventions, applications, Letters Patent, or will advantages hereby sold, assigned and conveyed, or intended so to be.
.mortgage, 1	icense or of	nore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, ther agreement affecting the rights and property herein conveyed has been made to others by us/me away the same as herein expressed is possessed by us/me.
		owledge that any willful false statement made in this declaration is punishable under 18 USC 1001 to fine more than five (5) years, or both.
LE	GAL NAW	IE OF INVENTOR
Ins	entor:	Chung-Kuan TING Date: 2012 / 09 / 24
Sig	nature;(	hung-kuan Ting

PATENT REEL: 029064 FRAME: 0273

**RECORDED: 10/02/2012**