

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4557886

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YUAN XIONG	05/16/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.	
<b>Street Address:</b>	NO. 9-2, TANGMING ROAD, GUANGMING DISTRICT	
<b>City:</b>	SHENZHEN CITY, GUANGDONG	
<b>State/Country:</b>	CHINA	
<b>Postal Code:</b>	518132	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15681443
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(905)812-9381	
<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>	905-812-9381	
<b>Email:</b>	macauip@macau.ctm.net	
<b>Correspondent Name:</b>	LEONG C. LEI	
<b>Address Line 1:</b>	PMB # 1008	
<b>Address Line 2:</b>	1839 YGNACIO VALLEY ROAD	
<b>Address Line 4:</b>	WALNUT CREEK, CALIFORNIA 94598	
<b>ATTORNEY DOCKET NUMBER:</b>	CD17015	
<b>NAME OF SUBMITTER:</b>	LEONG C. LEI	
<b>SIGNATURE:</b>	/Leong C. Lei/	
<b>DATE SIGNED:</b>	08/21/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>		
source=PUS11508159CA_CD17015_OATHandASGN#page1.tif		
source=PUS11508159CA_CD17015_OATHandASGN#page2.tif		

## Combined Declaration and Assignment for Patent Application

Title of the Invention: MANUFACTURING METHOD OF BLACK MATRIX  
WITH EASY RECOGNITION OF ALIGNMENT MARK

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ The attached application, or  
☒ U.S. Application Number or PCT International Application Number 14/786,165  
filed on 10/22/2015

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 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.

### ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) \_\_\_\_\_

MANUFACTURING METHOD OF BLACK MATRIX WITH EASY RECOGNITION OF ALIGNMENT MARK

The PATENT RIGHTS referred to in this agreement are:

(check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.

- ☐ U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_  
☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ☒ U.S. patent rights only.  
☐ worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. patent application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(check one) ☒ Inventor(s)  
☐ Present Owner

(Full name of sole or first ASSIGNOR) Yuan Xiong

(Address) NO.9-2, Tangming Road, Guangming District of Shenzhen, Guangdong 518132, China

(Full name of second joint ASSIGNOR, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

(Full name of third joint ASSIGNOR, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

(Full name of forth joint ASSIGNOR, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

(Full name of fifth joint ASSIGNOR, if any) \_\_\_\_\_  
(Address) \_\_\_\_\_  
\_\_\_\_\_

The ASSIGNEE referred to in this agreement is:

(Name of sole or first Assignee) SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.  
(Address of assignee) NO.9-2, Tangming Road, Guangming District of Shenzhen, Guangdong 518132, China  
\_\_\_\_\_

The sole or first ASSIGNEE is:  
(check one) ☐ An Individual.  
☐ A Partnership.  
☒ A Corporation of China  
(state or country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to the ASSIGNEE; its successors and assigns:

the full and exclusive right to the invention;  
the entire right, title and interest in and to the PATENT RIGHTS; and  
the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known w to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

ASSIGNOR(S) authorize(s) LEONG C. LEI (Reg. No. 50402) to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

<u>Yuan Xiong</u> Yuan Xiong (Signature of sole or first ASSIGNOR)	<u>2017/5/16</u> (Date)
_____ (Signature of second joint ASSIGNOR)	_____ (Date)
_____ (Signature of third joint ASSIGNOR)	_____ (Date)
_____ (Signature of forth joint ASSIGNOR)	_____ (Date)
_____ (Signature of fifth joint ASSIGNOR)	_____ (Date)