504315522 04/11/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUIJUN JIN	04/11/2017

RECEIVING PARTY DATA

SHANGHAI AVIC OPTO ELECTRONICS CO., LTD.
3388TH HUANING RD., MINHANG DISTRICT
SHANGHAI
CHINA
201108
TIANMA MICRO-ELECTRONICS CO., LTD.
TIANMA MICRO-ELECTRONICS CO., LTD. 22/F, HANGDU BUILDING, SHENNAN ROAD, FUTIAN DISTRICT
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22/F, HANGDU BUILDING, SHENNAN ROAD, FUTIAN DISTRICT

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15484306

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	00189.0168.00US
NAME OF SUBMITTER:	HOI CHEUNG
SIGNATURE:	/Hoi Cheung/
DATE SIGNED:	04/11/2017

Total Attachments: 2

PATENT REEL: 041963 FRAME: 0207

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> PATENT REEL: 041963 FRAME: 0208

ASSIGNMENT AND DECLARATION

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

ARRAY SUBSTRATE AND DISPLAY PANEL		
for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on(Application No); and		
WHEREAS, Shanghai AVIC OPTO Electronics Co., Ltd., a corporation of P.R. China whose post office address is 3388th Huaning Rd., Minhang District, Shanghai, China 201108, and Tianma Microelectronics Co., Ltd., a corporation of P.R. China whose post office address is 22/F, Hangdu Building, Shennan Road, Futian District, Shenzhen, China 518000 (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;		
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No		
filed (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;		
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;		
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.		
AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No, filed) the filing date and application number of said application when known.		

RECORDED: 04/11/2017

Further, as a belo	ow named inventor, I hereby declare that:	
This declaration is international application n	s directed to the application attached hereto or United States application or PCT sumberfiled on tached hereto, the application is as identified above or by the attorney docket	
If the application is not att number as set forth above	ached hereto, the application is as identified above or by the attorney docket and/or the following.	
The above-identif	fied application was made or authorized to be made by me.	
I believe that I am application.	n the original inventor or an original joint inventor of a claimed invention in the	
I have reviewed a claims.	and understand the contents of the above-identified application, including the	
37,Code of Federal Regulinformation which became	e duty to disclose information which is material to patentability as defined in Title lations § 1.56, including for continuation-in-part applications, material e available between the filing data of the prior application and the national or ate of the continuation-in-part application.	
	edge that any willful false statement made in this declaration is punishable under or imprisonment of not more than five (5) years, or both.	
IN TESTIMONY V	WHEREOF, I/We have hereunto set our hands.	
Inventor 1 Legal Name:	Huijun JIN	
Signature:	全事俊 Date: 2017. 4.11	
Note: An application data sh accompany this form or mus list additional inventors.	neet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must st have been previously filed. Check the box below and complete the attached page(s) to	
Additional inventors are being named on the supplemental sheet(s) attached hereto.		

PATENT REEL: 041963 FRAME: 0210