505800834 12/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHIMING XU	06/18/2019

RECEIVING PARTY DATA

Name:	TCL CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16618913

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NAME OF SUBMITTER:	ELIZABETH KOHN
SIGNATURE:	/Elizabeth Kohn/
DATE SIGNED:	12/03/2019

Total Attachments: 2

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PATENT 505800834 REEL: 051280 FRAME: 0689

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

Number	
First Named XU, Zhiming Inventor	

DISPLAY PANEL, DISPLAY SUBSTRATE, AND MANUFACTURING METHOD THEREOF			
(Title of the Invention)			
As a below named inventor, I hereby declare that:			
This assignment and declaration is directed to:			
The attached application			
OR			
United States Application Number or PCT International application number PCT/CN2019/120841 filed on 11/26/2019 (MM/DD/YYYY)			
The above-identified application was made or authorized to be made by ma.			
I believe I am the original or an original joint inventor of the claimed invention in the application.			
I hereby acknowledge that any wilful 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.			
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.			
i acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.58, including for continuation-in-part applications, material information which became available between the filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.			
As a below named inventor, I hereby sell, assign and transfer unto to TCL CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD., a corporation of China, herein referred to as "Assignee", whose mailing address is NO.9-2. Tangming Rd., Guangming New District, Shenzhen, Guangdong, 518132 China, the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent, the entire right, title, and interest in and to the same, for the Assignee's sole use and benefit; and for the use and benefit of the Assignee's legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.			

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CS20190684/US;TP191473-US

ASSIGNMENT AND DECLARATION — Utility or Design Patent Application

LEGAL NAME OF SOLE OR FIRST INVENTOR:						
Given Name (first and middle (if any))		Family Name or Surname			Surname	
Zhiming		XU				
Inventor's Signature			Date (Optional)			
Zhiming XV					Jun. 18. 2019	
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Shenzhen	Guangdong		818 	1.32 	2 Chlos	
LEGAL NAME OF SECOND INVENTOR:						
Given Name (first and middle (if anyl)		Fami	Family Name or Surname			
Inventor's Signature	mature			Date (Optional)		
Residence: City	State	State Cour		Countr	#¥	
Mailing Address			ire.			
City	State		Zip		Country	
LEGAL NAME OF THIRD INVENTOR:		mmmm				
Given Name (first and middle [if any]) Family Name or Surname			iumama			
Inventor's Signature			*********		Date (Optional)	
Residence: City	State Count		Countr	У		
Mailing Address						
CRY	State Zip		Zβp		Country	
Additional inventors are being named on the supplemental sheet(s) sitached herete.						

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CS20190684/US;TP191473-US

PATENT REEL: 051280 FRAME: 0691

RECORDED: 12/03/2019