505198354 11/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5245123

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XUEYUN LI	10/22/2018
YUEJUN TANG	10/22/2018
JING CAI	10/22/2018
JUNJIE HUANG	10/22/2018
HUI ZHOU	10/22/2018

RECEIVING PARTY DATA

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Street Address:	BUILDING C5,BIOLAKE OF OPTICS VALLEY, NO.666 GAOXIN AVENUE, WUHAN EAST LAKE HIGH-TECH DEVELOPMENT ZONE
City:	WUHAN, HUBEI
State/Country:	CHINA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16303147

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 5704/126

NAME OF SUBMITTER: DANIEL SCHATZ

SIGNATURE: /DANIEL SCHATZ/

DATE SIGNED: 11/20/2018

Total Attachments: 6

PATENT REEL: 047549 FRAME: 0201

505198354

PATENT REEL: 047549 FRAME: 0202 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

h	ENT UNDER 37 CFR 3.73(c)
Applicant/Patent Owner: WUHAN CHINA STAR C	PPTOELECTRONICS TECHNOLOGY CO., LTD
Application No./Patent No.:	Filed/Issue Date:
Titled: DISPLAY MODULE AND ELECTRONIC	DEVICE
WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD	a corporation
(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that, for the patent application/patent identified	above, it is (choose one of options 1, 2, 3 or 4 below):
1. The assignee of the entire right, title, and inte	erest.
2. An assignee of less than the entire right, title,	and interest (check applicable box):
The extent (by percentage) of its ownershi holding the balance of the interest must be si	p interest is%. Additional Statement(s) by the owners ubmitted to account for 100% of the ownership interest.
There are unspecified percentages of own right, title and interest are:	nership. The other parties, including inventors, who together own the entire
Additional Statement(s) by the owner(s) ho right, title, and interest.	olding the balance of the interest must be submitted to account for the entire
The assignee of an undivided interest in the control of the other parties, including inventors, who together control of the other parties.	entirety (a complete assignment from one of the joint inventors was made). own the entire right, title, and interest are:
Additional Statement(s) by the owner(s) ho right, title, and interest.	Iding the balance of the interest <u>must be submitted</u> to account for the entire
4. The recipient, via a court proceeding or the lift complete transfer of ownership interest was made).	ke (e.g., bankruptcy, probate), of an undivided interest in the entirety (a The certified document(s) showing the transfer is attached.
The interest identified in option 1, 2 or 3 above (not o	ption 4) is evidenced by either (choose one of options A or B below):
	tent application/patent identified above. The assignment was recorded in ce at Reel, Frame, or for which a copy
B. A chain of title from the inventor(s), of the pat	tent application/patent identified above, to the current assignee as follows:
1. From:	To:
	United States Patent and Trademark Office at
Reel, Frame	, or for which a copy thereof is attached.
	То:
	United States Patent and Trademark Office at
	or for which a copy thereof is attached.

[Page 1 of 2]
This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

		STATEME	NT UNDER 37 CFR 3.73(c)				
3. From:			To:				
			United States Patent and Trademark Office at				
	Reel	, Frame	or for which a copy thereof is attached.				
4. From:	***************************************		To:				
	The docume	int was recorded in the	United States Patent and Trademark Office at				
	Reel	, Frame	or for which a copy thereof is attached.				
5. From:			To:				
	The docume	nt was recorded in the	United States Patent and Trademark Office at				
	Reel	, Frame	or for which a copy thereof is attached.				
3. From:			To:				
	The docume	nt was recorded in the	United States Patent and Trademark Office at				
	Reel	, Frame	, or for which a copy thereof is attached.				
Ad	ditional document	s in the chain of title an	e listed on a supplemental sheet(s).				
			mentary evidence of the chain of title from the original owner to the itted for recordation pursuant to 37 CFR 3.11.				
			he original assignment document(s)) must be submitted to Assignment record the assignment in the records of the USPTO. See MPEP 302.08]				
The undersi	gned (whose title i	s supplied below) is au	thorized to act on behalf of the assignee.				
/DANIEL	SCHATZ/		2018-11-20				
Signature			Date				
DANIE	SCHATZ		59537				
Printed or T	yped Name		Title or Registration Number				

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PATENT REEL: 047549 FRAME: 0204

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting
 evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the
 course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 047549 FRAME: 0205

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

Altorney Docket Number	
First Named Inventor	LI, Xueyun

DISPLAY MODULE AND ELECTRONIC DEVICE
(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/CN2018/101652 filed on08/22/2018(MM/DD/YYYY)
The above identified application was made or authorized to be made by me.
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 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
As a below named inventor, I hereby sell, assign and transfer unto to <u>WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.</u> , a corporation of <u>China</u> , herein referred to as "Assignee", whose mailing address is <u>Building C5 Biolake of Optics Valley</u> , <u>No 666 Gaoxin Avenua</u> , <u>Wuhan East Lake High-tech Development Zone</u> , <u>Wuhan Hubei 430079 China</u> , 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.

[Page 1 of 2]

C\$20182360/US; TP180913-US

ASSIGNMENT AND DECLARATION — Utility or Design Patent Application

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		***************************************			
LEGAL NAME OF SOLE OF	R FIRST INVENTOR:	***************************************			
Given Name (first and middle [if any]) Family Name or Surname				Surname	
Xueyun	;	LI			
Inventor's Signature	V 17	*******		Date (Optional)	
	Xueyun LI			2018.10.22	
Residence: City	State	***************************************	Count	у	
Wuhan	East Lake High-tech Developmer	nt	China		
Mailing Address		***************************************	***************************************		
Building C5, Biolake of Optics	s Valley, No.686 Gaoxin Avenue,				
	Development Zone, Wuhan, Hube				
City Wuhan	State	Zip	1879	Country	
	East Lake High-tech Developmen		······································	China	
LEGAL NAME OF SECOND		•••••			
Given Name (first and mide	dle [if any])	Family N	ame or	Surname	
Yuejun TANG			************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Inventor's Signature	Live was Thomas Co			Date (Optional)	
	luejun TANG			2018.10.22	
Residence: City	State		Count	ГУ	
Wuhan	East Lake High-tech Development China				
Mailing Address					
	s Valley, No.656 Gaoxin Avenue,	: XANASA :	es e su u		
City	Development Zone, Wuhan, Hube State	Zip		Country	
Wishan	East Lake High-tech Developmer		079	China	
			······	3 337 1174	
LEGAL NAME OF THIRD IN	(VENTOR:				
Given Name (first and mide	dle (if any))	Family N	ame or	Surname	
Jing		CAL			
Inventor's Signature	w 200°			Date (Optional)	
	īra C M			2018.10.22	
Residence: City	State Cour		Count	iry	
Wuhan	East Lake High-tech Development China			*	
Mailing Address		************	***************************************		
Building C5 Biolake of Optics	s Valley, No.666 Gaoxin Avenue,		aum.		
	Development Zone, Wuhan, Hubel		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
City Wuhan	State	Zip		Country	
A A CS 548 5	East Lake High-tech Developmer	n 450	079	China	
Additional inventors are being	g named on thesupplemental sheeti	s) attached	hereto.		

(Page 2 of 2)

CS20182360/US; TP180913-US

ASSIGNMENT AND DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 1 of _____

Givan Nama (Sect and	i midda iif mall	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	manamananananananananananananananananan		animananimananimanimanimanimanimanimanim		
Given Name (first and middle [if any]) Junile		Family Name or Surname HUANG					
Inventor's Signature	Junjie MUANG	.,,,,,,,,			Date (Optional) 2018.10.22		
Residence: City Wuhan	State East Lake High-tech Developm	Section of the sectio			Country China		
	Optics Valley, No.666 Geoxin Aven Hech Development Zone, Wuhan, I		430079 C	hina			
City Wuhan	State East Lake High-tech Developm	ent	Zip 430079		Country China		
LEGAL NAME OF A	DDITIONAL JOINT INVENTOR, IF	ANY					
		Family Name or Surname ZHOU					
Inventor's Signature	Hwi ZHOU	••••••••••			Date (Optional) 2018.10.22		
Residence: City Wuhan	State East Lake High-tech Developm	<u> </u>		Country China			
	Optics Valley, No.666 Gaoxin Aven Hech Development Zone, Wuhan, i		430079 C	hina			
City Wuhan	State	harranian managan mana			Country China		
LEGAL NAME OF A	DDITIONAL JOINT INVENTOR, IF	ANY		***********			
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature		i			Date (Optional)		
Residence: City State				Country			
Mailing Address							
City	State		Zip		Country		

CS20182360/US; TP180913-US

PATENT REEL: 047549 FRAME: 0208

RECORDED: 11/20/2018