

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5881156

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GONGHUA ZOU	12/19/2019
YUCHENG LU	12/19/2019
XIANG YANG	12/19/2019
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<b>Street Address:</b>	BUILDING C5, BIOLAKE OF OPTICS VALLEY, NO.666 GAOXIN AVENUE
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<b>City:</b>	WUHAN, HUBEI
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	430079
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16625814
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	5704/164
<b>NAME OF SUBMITTER:</b>	DANIEL SCHATZ
<b>SIGNATURE:</b>	/DANIEL SCHATZ/
<b>DATE SIGNED:</b>	12/23/2019
<b>Total Attachments: 5</b>	
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**ASSIGNMENT AND DECLARATION  
FOR UTILITY OR DESIGN PATENT  
APPLICATION**

Attorney Docket  
Number

First Named  
Inventor

ZOU, Gonghua

**DISPLAY PANEL, CHIP, AND FLEXIBLE CIRCUIT BOARD**

*(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/CN2019/087583  
filed on 05/20/2019 (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 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.

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 WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD., a corporation of China, herein referred to as "Assignee", whose mailing address is Building C5, Biolake of Optics Valley, No.666 Gaoxin Avenue, East Lake High-tech Development Zone, Wuhan, Hubei, 430079 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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CS20191145/US;TP191311-US

**PATENT**  
**REEL: 051352 FRAME: 0479**

# **ASSIGNMENT AND DECLARATION — Utility or Design Patent Application**

<b>LEGAL NAME OF SOLE OR FIRST INVENTOR:</b>			
Given Name (first and middle (if any)) Gonghua		Family Name or Surname ZOU	
Inventor's Signature <i>Gonghua ZOU</i>			Date (Optional) 2019/12/19
Residence: City Wuhan	State Hubei	Country China	
Mailing Address Building C5, Biolake of Optics Valley, No.666 Gaoxin Avenue, East Lake High-tech Development Zone, Wuhan, Hubei, 430079 China			
City Wuhan	State Hubei	Zip 430079	Country China
<b>LEGAL NAME OF SECOND INVENTOR:</b>			
Given Name (first and middle (if any)) Yucheng		Family Name or Surname LU	
Inventor's Signature <i>Yucheng LU</i>			Date (Optional) 2019/12/19
Residence: City Wuhan	State Hubei	Country China	
Mailing Address Building C5, Biolake of Optics Valley, No.666 Gaoxin Avenue, East Lake High-tech Development Zone, Wuhan, Hubei, 430079 China			
City Wuhan	State Hubei	Zip 430079	Country China
<b>LEGAL NAME OF THIRD INVENTOR:</b>			
Given Name (first and middle (if any)) Xiang		Family Name or Surname YANG	
Inventor's Signature <i>Xiang YANG</i>			Date (Optional) 2019/12/19
Residence: City Wuhan	State Hubei	Country China	
Mailing Address Building C5, Biolake of Optics Valley, No.666 Gaoxin Avenue, East Lake High-tech Development Zone, Wuhan, Hubei, 430079 China			
City Wuhan	State Hubei	Zip 430079	Country China
<input type="checkbox"/> Additional inventors are being named on the ___ supplemental sheet(s) attached hereto.			

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CS20191145/US;TP191311-US

**PATENT  
REEL: 051352 FRAME: 0480**

**STATEMENT UNDER 37 CFR 3.73(c)**

Applicant/Patent Owner: WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Titled: DISPLAY PANEL, CHIP, AND FLEXIBLE CIRCUIT BOARD

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 interest.

2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):

☐ The extent (by percentage) of its ownership interest is \_\_\_\_\_%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.

☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose one of options A or B below):

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at

Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at

Reel \_\_\_\_\_, Frame \_\_\_\_\_, 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.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**STATEMENT UNDER 37 CFR 3.73(c)**

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

4. From: \_\_\_\_\_ To: \_\_\_\_\_

The document 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 document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

6. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/DANIEL SCHATZ/

2019-12-23

Signature

Date

DANIEL SCHATZ

59537

Printed or Typed Name

Title or Registration Number

## 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:

1. 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.
2. 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.
3. 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).
5. 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.
6. 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.