

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIANHUA CHEN	11/11/2019
CHUN-KWAN TSANG	11/11/2019
ZHIYONG ZHOU	11/11/2019
YINGSONG FU	11/12/2019
EDWARD W. RUTTER JR	11/14/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LITTELFUSE ELECTRONICS (SHANGHAI) CO., LTD.
<b>Street Address:</b>	NO. 307 QINJIANG ROAD, XUHUI DISTRICT,
<b>City:</b>	SHANGHAI
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	200233
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17295943
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)999-2798
<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>	9196364767
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<b>Correspondent Name:</b>	KACVINSKY DAISAK BLUNI PLLC
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<b>ATTORNEY DOCKET NUMBER:</b>	1511.EBU01348
<b>NAME OF SUBMITTER:</b>	BARBARA J. JACKSON
<b>SIGNATURE:</b>	/Barbara J. Jackson/
<b>DATE SIGNED:</b>	08/20/2021
<b>Total Attachments: 4</b>	
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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Jianhua CHEN  
Chun-Kwan TSANG  
Zhiyong ZHOU  
Yingsong FU  
Edward W. RUTTER, Jr.

hereby sell, assign, and transfer to:

**Littelfuse Electronics (Shanghai) Co., Ltd.**

having a principal place of business at No. 307 Qínjiāng Road Xuhui District, Shanghai 200233, P.R. China, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled:

PPTC COMPOSITION AND DEVICE HAVING LOW THERMAL DERATING AND LOW PROCESS JUMP  
which was filed on November 23, 2018 as

United States Patent Application Number PCT/CN2018/117250 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this

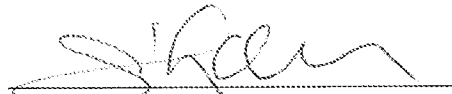
Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

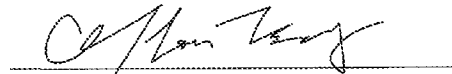
We/I hereby authorize ASSIGNEE, its successors, legal representatives, and assigns, to insert in this Assignment any further identification or information (including, but not limited to, patent application number or dates) which may be necessary or desirable in order to comply with the rules of any government entity for the recordation of this Assignment, and to sign or execute all papers and to perform any necessary acts on my behalf, to the fullest extent permitted by law.

Please Sign and Date Below:

11/11/2019  
Date

  
Name: Jianhua CHEN

11/11/2019  
Date

  
Name: Chun-Kwan TSANG

2019.11.11  
Date

Zhiyong Zhou  
Name: Zhiyong ZHOU

2019.11.12  
Date

Yingsong Fu  
Name: Yingsong FU

Date

Name: Edward W. RUTTER, Jr.

Assignment Document Return Address:

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Please Sign and Date Below:

\_\_\_\_\_  
Date

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Name: Jianhua CHEN

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Date

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Name: Chun-Kwan TSANG


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Date

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Name: Zhiyong ZHOU

\_\_\_\_\_  
Date

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Name: Yingsong FU

11/19/19  
Date

  
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Name: Edward W. RUTTER, Jr.

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