

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6709035

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 051704 Frame 0574. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHAOYU SUN	04/26/2021
XIAOJIA TIAN	04/26/2021
RONGGUANG ZHANG	04/26/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TDK ELECTRONICS AG
<b>Street Address:</b>	ROSENHEIMER STR. 141E
<b>City:</b>	MUNICH
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	81671
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16331514
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	9727321001
<b>Email:</b>	docketing@slatermatsil.com
<b>Correspondent Name:</b>	SLATER MATSIL, LLP.
<b>Address Line 1:</b>	17950 PRESTON RD. STE 1000
<b>Address Line 4:</b>	DALLAS, TEXAS 75252
<b>ATTORNEY DOCKET NUMBER:</b>	EPC-471-EH
<b>NAME OF SUBMITTER:</b>	SARAH CHAPPELL
<b>SIGNATURE:</b>	/Sarah Chappell/
<b>DATE SIGNED:</b>	05/13/2021
<b>Total Attachments: 7</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5943752

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHAOYU SUN	06/10/2019
XIAOJIA TIAN	06/10/2019
RONGGUANG ZHANG	06/10/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TDK (ZHUHAI FTZ) CO., LTD.
<b>Street Address:</b>	LIANFENG LU, FREE TRADE ZONE WANZAI, GUANGDONG PROVINCE
<b>City:</b>	ZHUHAI CITY
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	519030
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16093579
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	9727321001
<b>Email:</b>	docketing@slatermatsil.com
<b>Correspondent Name:</b>	SLATER MATSIL, LLP.
<b>Address Line 1:</b>	17950 PRESTON RD. STE 1000
<b>Address Line 4:</b>	DALLAS, TEXAS 75252
<b>ATTORNEY DOCKET NUMBER:</b>	EPC-471-EH
<b>NAME OF SUBMITTER:</b>	SARAH CHAPPELL
<b>SIGNATURE:</b>	/Sarah Chappell/
<b>DATE SIGNED:</b>	02/03/2020
<b>Total Attachments: 2</b>	
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source=EPC-471-EH Assn Inventors to Entity#page2.tif	

## ASSIGNMENT

For good and valuable consideration,

- I, Shaoyu Sun, residing at Fushi Road 81#, Yinghuiwan, 8-502, Zhuhai 519000, China, a citizen of China;

- I, Xiaojia Tian, residing at Jianfeng Road 288#, Liweiaila, 5-8-603, Zhuhai, Guangdong 519000, China, a citizen of China;

- I, Rongguang Zhang, residing at Baillan Road 130#, Xuelinyayuan 3-3-602, Zhuhai, Guangdong 519000, China, a citizen of China;

hereby sell, assign, and transfer or confirm that I have sold, assigned and transferred to TDK Electronics AG, a corporation organized and existing under the laws of Germany, having its principal place of business at Munich, Germany.

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the invention report with the title

"Invention patent for new design of thermal fuse varistor",

dated March 31, 2016, (EHF-reference: E2016,0340)

including all patent applications therefor that may have been filed or may be filed hereafter for said improvements in the United States, or under International Conventions, Treaties, or Agreements (collectively the "INVENTIONS"), including but not limited to US Patent Application

Filing No.: 16/093,579

Filing Date: October 12, 2018

Title: Varistor component and method for securing a varistor component

and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number, filing date and title;

and in and to all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all

foreign countries on any of said INVENTIONS; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said INVENTIONS;

Agree that Assignee may apply for and receive Letters Patent for said INVENTIONS in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said INVENTIONS; 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 INVENTION and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said INVENTIONS 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.

Date: 26-Apr-2021

Shaoyu Sun  
Shaoyu Sun

Date: 26-Apr-2021

Xiaojia Tian  
Xiaojia Tian

Date: 26-Apr-2021

Rongguang Zhang  
Rongguang Zhang

## ASSIGNMENT

For good and valuable consideration,

- I, Shaoyu Sun, residing at Fushi Road 81#, Yinghuiwan, 8-502, 519000 ZHUHAI, CHINA, a citizen of China;
- I, Xiaojia Tian, residing at Jianfeng Road 288#, Liweila, 5-8-603, 519000 ZHUHAI, CHINA, a citizen of China;
- I, Rongguang Zhang, residing at Bailian Road 130#, Xuelinyayuan 3-3-602, 519000 ZHUHAI, CHINA, a citizen of China;

hereby sell, assign, and transfer or confirm that I have sold, assigned and transferred to TDK (Zhuhai FTZ) Co., Ltd., a corporation organized and existing under the laws of CHINA, having its principal place of business at Lianfeng Lu, Free Trade Zone Wanzai, 519030 ZHUHAI CITY, GUANGDONG PROVINCE, CHINA.

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the invention report with the title

"Invention patent for new design of thermal fuse varistor",

dated March 31, 2016, (EHF-reference: E2016,0340 AA X)

including all patent applications therefor that may have been filed or may be filed hereafter for said improvements in the United States, or under International Conventions, Treaties, or Agreements (collectively the "INVENTIONS"), including but not limited to US Patent Application

Filing No.: 16/093,579

Filing Date: October 12, 2018

Title: Varistor component and method for securing a varistor component

and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number, filing date and title;

and in and to all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said INVENTIONS; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said INVENTIONS;

Agree that Assignee may apply for and receive Letters Patent for said INVENTIONS in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said INVENTIONS; 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 INVENTION and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said INVENTIONS 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.

Date: June 10, 2019

Shaoyu Sun  
Shaoyu Sun

Date: June 10, 2019

Xiaojia Tian  
Xiaojia Tian

Date: June 10, 2019

Rongguang Zhang  
Rongguang Zhang