

## 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>
LIFENG QIAO	05/18/2021
JIE ZHAO	06/07/2021
DEHUI ZHANG	10/13/2021
ERLEI LI	05/18/2021
TENG LIU	05/18/2021
JIANPING YING	06/07/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DELTA ELECTRONICS (SHANGHAI) CO.,LTD.
<b>Street Address:</b>	1F&7F&8F, BUILDING 1, NO.1675 HUADONG ROAD, PUDONG
<b>City:</b>	SHANGHAI
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	201209
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17654242
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	CNT08594/US
<b>NAME OF SUBMITTER:</b>	JAMES LYNN O'SULLIVAN
<b>SIGNATURE:</b>	/James Lynn O'Sullivan/
<b>DATE SIGNED:</b>	03/10/2022
<b>Total Attachments: 2</b>	

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**PATENT**

**REEL: 059216 FRAME: 0643**

## ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)\_\_\_\_\_

CIRCUIT AND CONTROL METHOD FOR PREVENTING FALSE TURN-ON OF  
SEMICONDUCTOR SWITCHING DEVICE

The PATENT RIGHTS referred to in this agreement are:

(check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S)  
concurrently with this assignment.

☐ U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_

☐ a U.S. patent application based on PCT International Application  
No. \_\_\_\_\_ filed on (date) \_\_\_\_\_ (U.S. patent application  
Serial No. \_\_\_\_\_, if known).

☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of  
the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ☒ U.S. patent rights only.

☐ Worldwide patent rights. In this case, the assignee shall have the right to  
claim the benefit of the filing date of any U.S. or foreign patent application  
for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures  
appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) Delta Electronics (Shanghai) Co., Ltd.

(Address) 1F&7F&8F, Building 1, No.1675 Huadong Road, Pudong, Shanghai, P. R.  
CHINA, 201209

The ASSIGNEE is:

(check one) ☐ An individual.

☐ A Partnership.

☒ A Corporation of P. R. China (specify state or country)

☐ (other) \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and  
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following  
rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable  
provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: Delta Electronics (Shanghai) Co., Ltd.

INVENTION TITLE: CIRCUIT AND CONTROL METHOD FOR PREVENTING  
FALSE TURN-ON OF SEMICONDUCTOR SWITCHING DEVICE

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Lifeng QIAO</u>	<u>Lifeng Qiao</u>	<u>2021.05.18</u>
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<u>Jie ZHAO</u>	<u>Jie ZHAO</u>	<u>2021.06.07</u>
Name of second inventor, if any	Signature	Date
<u>Dehui ZHANG</u>	<u>Dehui ZHANG</u>	<u>2021.10.13</u>
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<u>Erlei LI</u>	<u>Erlei LI</u>	<u>2021.5.18</u>
Name of fourth inventor, if any	Signature	Date
<u>Teng LIU</u>	<u>Teng LIU</u>	<u>2021.5.18</u>
Name of fifth inventor, if any	Signature	Date
<u>Jianping YING</u>	<u>Jianping Ying</u>	<u>2021.6.7</u>
Name of sixth inventor, if any	Signature	Date
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Name of seventh inventor, if any	Signature	Date
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Name of eighth inventor, if any	Signature	Date