

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3924028

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHIJIAN ZHUANG	06/12/2016
XIN YE	06/12/2016
CONGWEN LU	06/12/2016
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	AFFOLTERNSTRASSE 44
<b>City:</b>	ZURICH
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15185614
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	ABBCN-18/CN-14121-US-CNT
<b>NAME OF SUBMITTER:</b>	LINDSAY R. BUSER
<b>SIGNATURE:</b>	/Lindsay R. Buser/
<b>DATE SIGNED:</b>	06/17/2016
<b>Total Attachments: 5</b>	
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**COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY AND DESIGN  
PATENT APPLICATIONS**

**DECLARATION**

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND DEVICE FOR MONITORING CIRCUIT BREAKER**

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

**ASSIGNMENT**

WHEREAS, Zhijian Zhuang of Room 704, No. 144 Cendong Road, Jimei District, Xiamen, Fujian 361021 P.R. China; Xin Ye of Room 701, No. 19 Jia Xing Li, Huli District, Xiamen, Fujian 361006 P.R. China; and Congwen Lu of Room 502, No. 206 Yuanshan South Road, Huli District, Xiamen, Fujian 361009 P.R. China, hereinafter referred to as Assignors, have made one or more new and useful inventions in **METHOD AND DEVICE FOR MONITORING CIRCUIT BREAKER** for which Assignors have made or will make an application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, ABB Technology Ltd., hereinafter referred to as Assignee, a corporation of Switzerland, having principal place of business at Affolternstrasse 44, 8050 Zurich, Switzerland, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and all rights to claim priority to any of the foregoing.

Assignors acknowledge that the Application was executed concurrently herewith. Assignors hereby authorize Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (b) at the discretion of the Assignee, its counsel, or its agents:

- (a) Patent Office Number of the Application: \_\_\_\_\_
- (b) Filing Date of the Application: \_\_\_\_\_

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 12<sup>th</sup> day of June, 2016.

Zhijian Zhuang  
Zhijian Zhuang

Qiliang Wang  
Witness Name

Qiliang Wang  
Witness Signature

Acknowledged and Accepted by Assignee this 17 day of June, 2016.

ABB Technology Ltd.

Yu Ding  
Name: Yu Ding

Head of IP Operations,  
Asia, Middle East and Africa Region  
Title

WITNESS Assignor's hand this 12<sup>th</sup> day of June, 2016.

Xin Ye.  
Xin Ye

Qiliang Wang  
Witness Name

Qiliang Wang  
Witness Signature

Acknowledged and Accepted by Assignee this 17 day of June, 2016.

ABB Technology Ltd.

Yu Ding  
Name: Yu Ding

Head of IP Operations,  
Asia, Middle East and Africa Region  
Title

WITNESS Assignor's hand this 12<sup>th</sup> day of June, 2016.

Congwen Lu

Congwen Lu

Qiliang Wang

Witness Name

Qiliang Wang

Witness Signature

Acknowledged and Accepted by Assignee this 17 day of June, 2016.

ABB Technology Ltd.

Yu Ding

Name: Yu Ding

Head of IP Operations,  
Asia, Middle East and Africa Region  
Title