

## 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>
ABB TECHNOLOGY OY	06/24/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ABB SCHWEIZ AG
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15944225
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<b>NAME OF SUBMITTER:</b>	GORDON P. KLANCNIK
<b>SIGNATURE:</b>	/Gordon P. Klancnik/
<b>DATE SIGNED:</b>	06/24/2019
<b>Total Attachments: 2</b>	
source=227-269 Assignment 15944225 ABB Technology to ABB Schweiz#page1.tif	
source=227-269 Assignment 15944225 ABB Technology to ABB Schweiz#page2.tif	

## ASSIGNMENT OF PATENTS

WHEREAS, **ABB Technology Oy**, a corporation organized and existing under the laws of Finland, having its principal place of business at Valimopolku 4 A, FI-00380 Helsinki, Finland (hereinafter called the ASSIGNOR), is the proprietor of the following Patent(s) and Patent Application(s):

**Chinese Patent Application No. 201810301727.1 filed on April 4, 2018**  
**Chinese Patent Application No. 201510493393.9 filed on August 12, 2015**  
**Chinese Utility Model No. ZL201820416134.5 granted on January 18, 2019**  
**Chinese Utility Model No. ZL201820402387.7 granted on February 26, 2019**  
**U.S. Application No. 15/944,225 filed April 3, 2018**

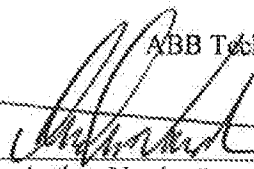

WHEREAS, **ABB Schweiz AG**, a corporation organized and existing under the laws of Switzerland, having its principal place of business at Brown Boveri Strasse 6, 5400 Baden, Switzerland (hereinafter called the ASSIGNEE), is desirous of acquiring the entire right, title and interest of the ASSIGNOR in and to the aforesaid Patent(s) and Patent Application(s),

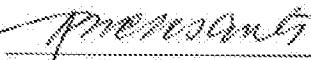
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, the ASSIGNOR hereby conveys, sells, assigns and transfers to the ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the aforesaid Patent(s) and Patent Application(s) and any divisions, continuations, continuations-in-part, requests for continuing examinations, renewals, reissues, reexaminations, patent cooperation treaty equivalents and foreign counterparts and extensions thereof, including all emoluments, advantages, profits and benefits accruing or belonging thereto, and all patents or patent applications to which any of the aforesaid Patent(s) and Patent Application(s) directly or indirectly claims priority or for which any of the aforesaid Patent(s) and Patent Application(s) directly or indirectly forms a basis for priority.

The ASSIGNOR hereby further covenants and agrees that it will communicate to the ASSIGNEE any and all facts known to it respecting the aforesaid Patent(s) and Patent Application(s), and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any of the aforesaid Patent(s) and Patent Application(s), execute all divisions, continuations, reexaminations, reissues, substitutes and other required applications, and make all rightful oaths and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said Patent(s) and Patent Application(s) in all countries.

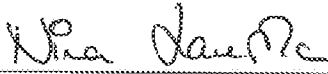
The ASSIGNOR consents to the ASSIGNEE'S proceeding with the aforesaid Patent Application(s), if any, in its own name in substitution of the ASSIGNOR and the said ASSIGNOR agrees to do all that may be required to put the foregoing into effect.

IN WITNESS WHEREOF, the said ASSIGNOR has executed this document on  
this 24<sup>th</sup> day of June, 2019.

ABB Technology Oy  
By:    
Anders Nordström Tapio Metso

Attest: 

IN WITNESS WHEREOF, the said ASSIGNEE has executed this document on  
this 24<sup>th</sup> day of June, 2019.

ABB Schweiz AG  
By:   
Nina Laurila

Attest: 