

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4687165

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RENATO MINAMISAWA	11/08/2017
	MUNAF RAHIMO	11/03/2017
RECEIVING PARTY DATA		
Name:	ABB SCHWEIZ AG	
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City:	BADEN	
State/Country:	SWITZERLAND	
Postal Code:	5400	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15616382
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	taft-ip-docket@taftlaw.com	
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ATTORNEY DOCKET NUMBER:	ABBCH-213	
NAME OF SUBMITTER:	CLAUDIA SCHWARZ	
SIGNATURE:	/Claudia Schwarz/	
DATE SIGNED:	11/14/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4		
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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 FOR MANUFACTURING A WIDE BANDGAP JUNCTION BARRIER
SCHOTTKY DIODE**

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, Renato Minamisawa of Mülligerstrasse 16N, 5210 Windisch, Switzerland; and Munaf Rahimo of Bachweg 10, 5619 Uezwil, Switzerland, hereinafter referred to as Assignors, have made one or more new and useful inventions in **METHOD FOR MANUFACTURING A WIDE BANDGAP JUNCTION BARRIER SCHOTTKY DIODE** for which Assignors have made or will make an application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, ABB Schweiz AG, hereinafter referred to as Assignee, a corporation of Switzerland, having principal place of business at Brown Boveri Strasse 6, 5400 Baden, 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, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

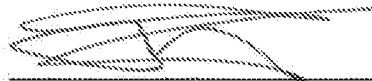
Assignors acknowledge that the Application was executed concurrently herewith. Assignors hereby authorize Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (b) at the discretion of the Assignee, its counsel, or its agents:

- (a) Patent Office Number of the Application: 15/616,382
- (b) Filing Date of the Application: June 7, 2017

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.

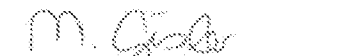
WITNESS Assignor's hand this 8 day of November, 2017.



Renato Minamisawa

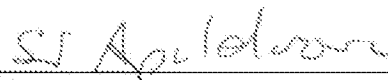


Witness Name



Witness Signature

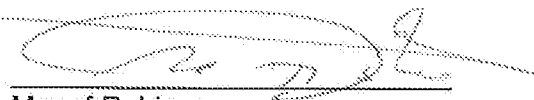
ABB Schweiz AG



Name: Stefanie Apeldoorn

Title: Authorized Representative

WITNESS Assignor's hand this 3 day of November, 2017.


Munaf Rahimo


Witness Name


Witness Signature

ABB Schweiz AG


Name: Stefanie Apeldoorn

Title
Authorized Representative

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COMBINED DECLARATION AND ASSIGNMENT
ABBCH-213/CH-14134-US-PCT
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