505810331 12/09/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5857160

CONVEYING PARTY DATA

Name	Execution Date
PIETRO CAIROLI	01/09/2019
LUCA RACITI	01/14/2019

RECEIVING PARTY DATA

Name:	ABB SCHWEIZ AG
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16707426

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	ABBI-3300
NAME OF SUBMITTER:	CAROLINE E. WILSON
SIGNATURE:	/Caroline E. Wilson/
DATE SIGNED:	12/09/2019

Total Attachments: 4

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PATENT 505810331 REEL: 051218 FRAME: 0330

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, the below named persons (hereinafter referred to as "Assignors") have made one or more new and useful inventions or discoveries in SOLID STATE CIRCUIT BREAKER USING RB-IGCTS (hereinafter collectively referred to as "the Invention") for which one or more other U.S., foreign or international patent applications has been filed, or may in the future be filed;

WHEREAS, ABB Schweiz AG (hereinafter referred to as "Assignce") a legal entity organized under the laws of Switzerland, desires to acquire the entire right, title and interest in to and under the Invention and any and all United States, foreign and international patent applications and patents which claim, disclose and/or describe the Invention; and

NOW, THEREFORE, for good, valuable and sufficient consideration to the Assignors, the receipt and sufficiency of which are hereby acknowledged, Assignors and Assignee agree as follows:

A. Assignment of Patent Rights

Assignors hereby assign and transfer to Assignee, its successors and assigns, the entire right, title, and interest in, to and under (i) the Invention, (ii) any and all United States, foreign and/or international patent applications which claim, disclose, or describe subject matter of the Invention including, without limitation, the application referenced herein above, (iii) any and all continuations, continuations-in-part, divisionals, foreign counterparts, reexaminations, reissues, extensions and applications claiming the benefit of or priority to any of the foregoing, (iv) any and all rights to claim priority to any of the foregoing, and (v) any and all rights to bring an action under, receive and collect damages for infringement of any of the foregoing, receive injunctive relief for infringement of any of foregoing (hereinafter collectively referred to as "the Assigned Patent Rights").

Assignors acknowledge and agree that the Assigned Patent Rights include any and all future applications not filed at the time of execution of this agreement which disclose, describe and/or claim subject matter of the Invention, or which claim priority to or the benefit of an application or patent which discloses, describes and/or claims subject matter of the Invention. With respect to such future applications, Assignors hereby authorize Assignee, its attorneys, or its agents to append information identifying such applications as an Exhibit A to this document at the discretion of Assignee, its counsel, or its agents.

B. Agreement to Execute Additional Documents and Provide Further Assistance

Assignors agree to execute any and all other documents necessary or desirable to document, memorialize or perfect Assignee's interest in the Assigned Patent Rights and to execute any and all other documents and to provide any further assistance necessary or desirable for the procurement of patent rights on the above referenced invention in the United Sates and all foreign countries.

C. Binding, Complete and Enforceable Agreement

Assignors acknowledge that (i) this is an enforceable agreement; (ii) this agreement embodies the entire and only understanding between Assignors and Assignee with respect to the subject matter of this agreement; (iii) no oral explanation or oral information by either party hereto shall alter the meaning or interpretation of this agreement; and (iv) if any provision of this agreement is held to be unlawful or unenforceable, such provision shall be limited or eliminated to the minimum extent necessary so that the remainder of this agreement will continue in full force and effect and be enforceable.

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D. Execution

This agreement may be executed in counterparts or duplicate originals, both of which shall be regarded as one and the same instrument, and which shall be the official and governing version in the interpretation of this agreement. This agreement may be executed by facsimile signatures or other electronic means and such signatures shall be deemed binding as if they were original signatures.

[Signature Pages Follow]

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Signed and executed this day of	
Pietro Cairoli	
STATE OF <u>Mache Cascilea</u>): SS COUNTY OF <u>Walke</u>	
Before me, a Notary Public, in and for said County and State, personall being first duly sworn upon his or her oath, acknowledged the execution Patent Rights" as his or her voluntary act and deed.	
WITNESS my signature and Notarial Seal this <u>04</u> day of <u>Jac</u>	<u> </u>
Notary Public A Land	
Printed: Denseile KLock	"LEM"
Resident of County	ATAB . S
Resident of County My Commission Expires: _\(\Delta i - 12 - 2 \triangle 2 \).	PUBLIC CO

Signed and executed this 4 day of JANUARY	<u>, 2014 </u>
Lucs paciti	
Witnessed by:	
Signature:	
Printed Name: FEDERICO GAMBA	
Date: 1/14/2019	
Signature: Qua Quari	
Printed Name: LUCA LANZONI	
Date: 1/14/2019	

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RECORDED: 12/09/2019

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