504173003 01/11/2017

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| ANDREA BECATTINI | 11/03/2016 |
| SAURO MACERINI | 11/03/2016 |

RECEIVING PARTY DATA

| Name: | ABB SCHWEIZ AG | |
|-----------------|------------------------|--|
| Street Address: | BROWN BOVERI STRASSE 6 | |
| City: | BADEN | |
| State/Country: | SWITZERLAND | |
| Postal Code: | 5400 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15227544 |

CORRESPONDENCE DATA

Fax Number: (317)713-3699

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.

317-713-3500 Phone:

Email: taft-ip-docket@taftlaw.com

Correspondent Name: JOHN H. ALLIE

Address Line 1: TAFT STETTINIUS & HOLLISTER LLP Address Line 2: ONE INDIANA SQUARE, SUITE 3500 Address Line 4: INDIANAPOLIS, INDIANA 46204

| ATTORNEY DOCKET NUMBER: | ABBIT-46 | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | ANGELINA J. SHAW | |
| SIGNATURE: | /Angelina J. Shaw/ | |
| DATE SIGNED: | 01/11/2017 | |
| | 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

DC/AC CONVERTER APPARATUS COMPRISING MEANS FOR CONTROLLING THE REACTIVE POWER AND POWER CONVERSION AND GENERATION SYSTEM COMPRISING SUCH DC/AC CONVERTER APPARATUS

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, Andrea Becattini of Via Bonarotti 10, 52022 Cavriglia (AR), Italy and Sauro Macerini of Via E. Berlinguer Interna 23, Frazione Levane 52021 Bucine (AR), Italy, hereinafter referred to as Assignor, has made one or more new and useful inventions in DC/AC CONVERTER APPARATUS COMPRISING MEANS FOR CONTROLLING THE REACTIVE POWER AND POWER CONVERSION AND GENERATION SYSTEM COMPRISING SUCH DC/AC CONVERTER APPARATUS for which Assignors has 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

COMBINED DECLARATION AND ASSIGNMENT ABBIT-46 Page 1 of 4 16671999.1 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 Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does 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.

Assignor acknowledges that the Application was executed concurrently herewith. Assignor hereby authorizes 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: 15/227,544
(b) Filing Date of the Application: August 3, 2016

Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees 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 this3 day of _ | November , 2016. |
|--|--------------------------|
| | Andrea Becattini |
| | NICOCA GAI Witness Name |
| and the second s | Mitness Signature |
| | <i>(</i> / |
| Acknowledged and Accepted by Assignee this | 3 day of November, 2016. |
| | ABB Schweiz AG |
| | Giovanni Paolo DE SANTIS |
| | Name |
| | Proxy Holder |
| • | Title |

| WITNESS Assignor's hand this3day of _ | November, 2016. |
|--|--|
| | and the state of t |
| | Sauro Macerini |
| | NICOLA GAI Witness Name |
| | May yu |
| | Witness Signature |
| Acknowledged and Accepted by Assignee this | day of, 2016. |
| | ABB Schweiz AG |
| | Giovanni Paolo DE SANTIS |
| | Name |
| | |
| Acknowledged and Accepted by Assignee this | ABB Schweiz AG Giovanni Paolo DE SANTIS |

COMBINED DECLARATION AND ASSIGNMENT ABBIT-46 Page 4 of 4 16671999.1

RECORDED: 01/11/2017

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