## 505565874 07/11/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PAUL MICHAEL WHITE	02/19/2015

#### **RECEIVING PARTY DATA**

Name:	ABB TECHNOLOGY AG	
Street Address:	AFFOLTERNSTRASSE 44	
City:	ZURICH	
State/Country:	SWITZERLAND	
Postal Code:	CH-8050	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15552088

#### **CORRESPONDENCE DATA**

**Fax Number:** (317)231-7433

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.

**Phone:** 3172361313

Email: indocket@btlaw.com

Correspondent Name: BARNES & THORNBURG LLP
Address Line 1: 11 SOUTH MERIDIAN STREET
Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	65040-277560
NAME OF SUBMITTER:	JOSHUA P. LARSEN
SIGNATURE:	/Joshua P. Larsen/
DATE SIGNED:	07/11/2019

#### **Total Attachments: 3**

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PATENT 505565874 REEL: 049720 FRAME: 0060

US Application No.: US 15/552,088 (national stage of PCT/US16/18890, filed February 22, 2016, claiming Attorney Docket No.: US-14069-OAG priority to US 62/119,208, filed Feb. 22, 2015) ASSIGNMENT This ASSIGNMENT, effective as of  $\frac{2/19/15}{}$ , by Paul Michael White residing at Phoenix, AZ respectively (hereinafter referred to as the "Assignor"), have invented certain new and useful improvements described in the Application for Letters Patent of the United States entitled: PHOTOVOLTAIC STRING REVERSE POLARITY DETECTION which Application:  $\boxtimes$ (1) is a provisional application: ☐ having Serial No. \_\_\_\_\_\_\_, filed on \_\_\_\_\_\_; or ☑ to be filed with this Assignment; or (a) (b) (2) is a non-provisional application: having Serial No. \_\_\_\_\_\_, filed on \_\_\_\_\_\_; or having an oath or declaration executed on the same date as the execution date of this (a) (b) Assignment and those execution dates are prior to the filing of the U.S. patent application for this invention. claims priority from \_\_\_\_\_\_ filed on \_\_\_\_\_ (the "Priority (3) Application(s)") For good and sufficient consideration, the receipt of which is hereby acknowledged, each Assignor agrees to assign, and hereby does assign, transfer and set over to ABB Technology AG, a corporation duly organized under the laws of Switzerland, and having a principal place of business at Affolternstrasse 44, CH-8050 Zurich, Switzerland, (hereinafter referred to as the Assignee) his or her entire right, title and interest in the invention or inventions as represented by the Application and any and all Priority

to assign, and hereby does assign, transfer and set over to ABB Technology AG, a corporation duly organized under the laws of Switzerland, and having a principal place of business at Affolternstrasse 44, CH-8050 Zurich, Switzerland, (hereinafter referred to as the Assignee) his or her entire right, title and interest in the invention or inventions as represented by the Application and any and all Priority Application(s) in the United States, its territories, dependencies and possessions, and for all other national jurisdictions and international entities that have the power to grant patents, wherever situated. The foregoing assignment includes, without limitation, all applications for patent which claim priority to and/or the benefit of the subject matter disclosed in the Application and any and all Priority Application(s), including any utility application and/or design application, as well as any continuation application, divisional application, continuation-in-part application, reissue application, reexamination application, patent interference proceeding, and any foreign national application and/or any application filed or to be filed under a patent treaty such as the International Convention for Protection of Industrial Property and/or the Patent Cooperation Treaty, and any Letters Patent which may be granted therefor in any jurisdiction.

1

US Application No.:

Attorney Docket No.: US-14069-OAG

Each Assignor agrees to execute all papers and documents and perform any act which maybe necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Each Assignor agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Patent to the Assignee.

Each Assignor agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

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\*\*\*Signature of Each Assignor Appears On The Following Page(s)\*\*\*

US Application No.: Attorney Docket No.: US-14069-OAG

Signature of Assignor:

Paul Michael White-