

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7906160

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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YAMING SHI	12/12/2022
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17776122
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DATE SIGNED:	04/18/2023
Total Attachments: 2	
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ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This Assignment are directed to:

**MULTI-LEVEL POWER CONVERTOR AND METHOD FOR MULTI-LEVEL POWER
 CONVERTOR**

- ☐ the specification of which is attached hereto, or
☒ United States application number or PCT international application number
17/776,122 filed May 11, 2022

In accordance with my/our obligation(s) under an agreement between the Company and me or (as applicable) arising out of other agreements, and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name	City/Town	State	Country
Fu		Yang	Shenzhen		China
Yaming		Shi	Shenzhen		China

hereby sell and assign to:

Name of Company: ABB E-mobility B.V.
Entity Type (optional):
Address: Heertjeslaan 6, Delft, Netherlands, 2629JG

herein referred to as "Company", its successors and assigns our entire respective rights, title and interest in and to the invention and improvements made or conceived by me/us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title
CN	PCT	2019/117102	2019-11-11	MULTI-LEVEL POWER CONVERTOR AND METHOD FOR MULTI-LEVEL POWER CONVERTOR

(I/We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, I/we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter parties review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

INVENTOR 1

Signature: Fu Yang
Fu Yang

Date: 2022.12.12

INVENTOR 2

Signature: Yaming Shi
Yaming Shi

Date: 2022.12.12