506237132 09/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6283876

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUOEN CAO	07/15/2020
YIBO WANG	07/15/2020
RUI CAO	07/15/2020
ZHE WANG	07/15/2020
YONG ZHAO	07/15/2020

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17012020

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SIGNATURE:	/Gokalp Bayramoglu/	
DATE SIGNED:	09/04/2020	

Total Attachments: 2

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PATENT 506237132 REEL: 053691 FRAME: 0896

ASSIGNMENT

(1) Guoen CAO (2) Yibo WANG
(1-8) Insert Name(s) of Inventor(s) (3) Rui CAO (4) Zhe WANG
(5) Yong ZHAO

For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to:

(9) INSTITUTE OF ELECTRICAL ENGINEERING, CHINESE ACADEMY Insert name of Assignee OF SCIENCES (10) Insert state of incorporation of (10) China Assignee (11) of No.6, Beiertiao, Zhongguancun, Haidian District, Beijing 100190, China (11) Insert address of Assignee (hereinafter designated as the Assignee) the entire worldwide right, title, interest, and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and subject matter contained in (12) Insert Identification of (12) THREE-PHASE CLLC BIDIRECTIONAL DC-DC CONVERTER AND A Invention, such as Title, Case METHOD FOR CONTROLLING THE SAME Number or Foreign Application Number (13)Insert Date of Filing of (13) Application is attached hereto. Application

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or division applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
 - *6)* The undersigned hereby grant(s)

Gokalp Bayramoglu, Reg.No. 66305

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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PATENT REEL: 053691 FRAME: 0897 2020. 07.15

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