505518432 06/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHAN-YUAN WU	11/15/2018

RECEIVING PARTY DATA

Name:	SIEMENS GAMESA RENEWABLE ENERGY LIMITED	
Street Address:	FARADAY HOUSE	
Internal Address:	SIR WILLIAM SIEMENS SQUARE	
City:	FRIMLEY, CAMBERLEY	
State/Country:	UNITED KINGDOM	
Postal Code:	GU16 8QD	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16178631

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	80000.00603-NY	
NAME OF SUBMITTER:	ARLEN OLSEN	
SIGNATURE: /ARLEN OLSEN/		
DATE SIGNED:	06/11/2019	

Total Attachments: 2

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PATENT 505518432 REEL: 049429 FRAME: 0618

Docket No.: 2017P18065 US

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ASSIGNMENT

For good and valuable consideration, I (We),

Zhan-Yuan Wu, residing at 57 Hallam Grange Crescent, Sheffield, S10 4BB, GB, citizen of GB

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to **Siemens Wind Power Limited**, a corporation organized and existing under the laws of UNITED KINGDOM, having its principal place of business at Faraday House, Sir William Siemens Square, GU16 8QD Frimley, Camberley, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of UNITED KINGDOM or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of UNITED KINGDOM or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filling date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: Harmonic control of a converter

Filing Date: 02 Nov 2018 Filing Number: 16/178,631

Internal Case Number(s): 2017P18065 US

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filled in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filled in the United States and all foreign countries on the inventions and/or improvements;

(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the

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expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

A Due Witness Signature	Wer Aragon Zhan-Yuan Wu
A . DUKE printed name	15/11/2018 Date
Companies Representative(s) Siemens Wind Power Limited Signature(s): Vice Hyrry Name(s): Nicholas Hayward	Maj Waile
Date: Head of Operations 16/5/2019	Chief Eng Pawer Converter CoC 16/5/2019
Siemens Gamesa Renewable Energy L (Legal succesor of Siemens Wind Powe	
Name: Title:	
Date:	~~

PATENT REEL: 049429 FRAME: 0620