PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SØREN BØGELUND MADSEN	05/31/2021
ANDERS BROHM	08/24/2021
TUE HALD	05/27/2021
SHOUGANG QU	05/28/2021

RECEIVING PARTY DATA

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Street Address:	HEDEAGER 42
City:	AARHUS N
State/Country:	DENMARK
Postal Code:	DK-8200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17295919

CORRESPONDENCE DATA

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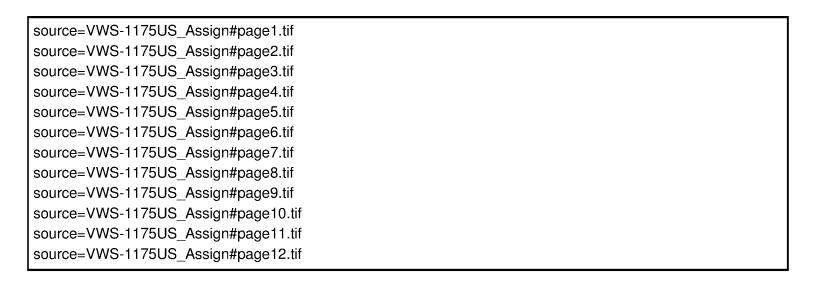
Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	VWS-1175US	
NAME OF SUBMITTER:	STEVEN W. BENINTENDI	
SIGNATURE:	/Steven W. Benintendi/	
DATE SIGNED:	08/26/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
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Total Attachments: 12

PATENT REEL: 057306 FRAME: 0622

506840263



PATENT REEL: 057306 FRAME: 0623

Title of Invention: ACTIVE YAW MITIGATION OF WIND INDUCED VIBRATIONS

As the below named inventor, I hereby declare that:
This Declaration is directed to:
The attached application
OR x United States Application Number or PCT International Application Number 17/295,919 filed on May 21, 2021
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.
I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;

Whereas, Vestas Wind Systems A/S, a Corporation of Denmark, having a place of business at Hedeager 42, DK-8200 Aarhus N., DENMARK (herein referred to as the "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to the ASSIGNEE, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

Legal name of Inventor:	Søren Bøgelund Madsen	
Inventor's Signature:	Son Mw	Date: 3//5-2
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Mailing Address:	DENMARK	
Maning Address,	DEI (MI MAL)	-
Citizenship:	Denmark	
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Legal name of Inventor:	Tue Hald	
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Inventor's Signature:		Date:
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Legal name of Inventor:	Shougang Qu	
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Inventor's Signature:		Date:
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•	c/o Vestas Wind Systems A/S	
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aut 11.	China	
Citizenship:	Ciina	

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Legal name of Inventor:	Anders Brohm	
Inventor's Signature:	Ands Bob	Date: 24/08/21
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Legal name of Inventor:	Tue Hald	
Inventor's Signature:		Date:
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Citizenship:	Denmark	
Legal name of Inventor:	Shougang Qu	
Inventor's Signature:		Date:
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Legal name of Inventor:	Søren Bøgelund Madsen	
Inventor's Signature:		Date:
Residence		
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Legal name of Inventor:	Anders Brohm		
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Mailing Address:	DK-8200 Aarhus N. DENMARK		-
Citizenship:	Denmark		and the second s
Legal name of Inventor:	Tue Hald		
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Legal name of Inventor:	Shougang Qu		
Inventor's Signature:		Date:	
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Title of Invention: ACTIVE YAW MITIGATION OF WIND INDUCED VIBRATIONS

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	The above-identified application was n	nade or aut	horized to be made by me.
	I believe that I am the original inventoge above-identified application.	r or an orig	inal joint inventor of a claimed
including the c	I have reviewed and understand the co laims.	ntents of th	ne above-identified application,
Office all info	I am aware of the duty to disclose to the mation known to me to be material to	ne United S patentabilit	tates Patent and Trademark ty as defined in 37 C.F.R. § 1.56.
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Page 1 of 3

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Inventor's Signature:	Qu Shougary	Date: May, 28,	202/
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