507534576 10/10/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7581470

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERNER LARSEN	08/13/2020
ALLAN HJARBÆK HOLM	07/12/2020
JULIO XAVIER VIANNA NETO	07/06/2020
ABDALLA KHAMAS	07/31/2020
MIGUEL FERNANDEZ PEREZ	10/07/2022

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16956027

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ATTORNEY DOCKET NUMBER:	VWS-1089US	
NAME OF SUBMITTER:	STEVEN W. BENINTENDI	
SIGNATURE:	/Steven W. Benintendi/	
DATE SIGNED:	10/10/2022	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 061358 FRAME: 0850 507534576

Total Attachments: 20
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PATENT REEL: 061358 FRAME: 0851

Title of Invention: WIND TURBINE BLADES AND MANUFACTURING SYSTEMS AND METHODS USING SEGMENTED BLADE ASSEMBLY

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 16/956,027 filed on June 19, 2020
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,

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:	Gerner Larsen	
Inventor's Signature:	Come lation	Date: /3-08-24
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Legal name of Inventor:	Allan Hjarbæk Holm	
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Legal name of Inventor:	Miguel Fernandez Perez	
Inventor's Signature:		Date:
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City/State/Country:	Lyngby, Denmark	
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Mailing Address:	DENMARK	
Citizenship:	Spain	

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or

Page 1 of 4

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

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Legal name of Inventor:	Gerner Larsen	
Inventor's Signature:		Date:
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	DK-8382 Hinnerup	
Mailing Address:	DENMARK	
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Citizenship:	Denmark	

Legal name of Inventor:	Allan Hjarbæk Hohn	
Inventor's Signature:	dlold	Date: 12.07.2020
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Mailing Address:	DENMARK	
Citizenship:	Denmark	
Legal name of Inventor:	Julio Xavier Vianna Neto	
Inventor's Signature:		Date:
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Citizenship:	Italy	
Legal name of Inventor:	Abdalla Khamas	
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Mailing Address:	DENMARK	
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Legal name of Inventor:	Miguel Fernandez Perez	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Lyngby, Denmark	
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As the below named inventor, I hereby declare that:

This Decla	aration is directed to:		
The attached appl	ication		
	olication Number or PCT In 5,027	ternational Applica filed on June 1	
The above	e-identified application was	made or authorized	to be made by me.
I believe t invention in the above-id	hat I am the original invent entified application.	or or an original joi	nt inventor of a claimed
I have rev including the claims.	iewed and understand the c	ontents of the above	e-identified application,
	e of the duty to disclose to own to me to be material to		
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	DK-8870 Langå	
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Citizenship:	Denmark	
Legal name of Inventor:	Julio Xavier Vianna Neto	
Inventor's Signature:	7000	Date: 06-07-2020
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Citizenship:	Italy	
Legal name of Inventor:	Abdalla Khamas	
negal name of inventor.	AUGURA INIMINA	
Inventor's Signature:		Date:
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Inventor's Signature:		Date:	
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Residence City/State/Country:	Langå, Denmark Løvetandsvey 12	
Mailing Address:	DK-8870 Langå DENMARK	
Citizenship:	Denmark	
Legal name of Inventor:	Julio Xavier Vianna Neto	
Inventor's Signature:		Date: 31/07-2020
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Mailing Address:	DK-8200 Århus N DENMARK	
Citizenship:	Italy	
Legal name of Inventor:	Abdalla Khamas	
Inventor's Signature:	James	Date: 31/07-2020
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Mailing Address:	Silkeborgvej 48, 2. tv. DK-8000 Århus N DENMARK	
Citizenship:	Denmark	

Legal name of Inventor:	Miguel Fernandez Perez	
Inventor's Signature;		Date:
Residence		
City/State/Country:	Lyngby, Denmark	
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The above-identified application v	was made or authorized to be made by me.
I believe that I am the original invinvention in the above-identified application.	rentor or an original joint inventor of a claimed
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Legal name of Inventor:	Gerner Larsen	
Inventor's Signature:		Date:
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Citizenship:	Denmark	
Legal name of Inventor:	Julio Xavier Vianna Neto	
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Inventor's Signature:	<u> </u>	Date:
Residence	8.1 >1.5	
City/State/Country:	Århus N, Denmark	
	Olof Palmes Allé 27A, 2.th DK-8200 Århus N	
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Citizenship:	Italy	
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Mailing Address:	DENMARK	
Citizenship:	Denmark	

Legal name of Inventor:	Miguel Fernandez Perez	
Inventor's Signature:	hy	Date : 07/10/22
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	Concordia 87, B, 1-2	
	08242 Manresa	
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Citizenship:	Spain	

Page 4 of 4
Classification: Confidential

PATENT REEL: 061358 FRAME: 0871

RECORDED: 10/10/2022