#### 507020754 12/10/2021

### PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT7067589

Electronic Version v1.1 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
LEON BARTON	03/23/2021
ROBERT HUNTER	12/10/2021
CHRISTOPHER OWENS	04/01/2021

### **RECEIVING PARTY DATA**

Name:	VESTAS WIND SYSTEMS A/S
Street Address:	HEDEAGER 42
City:	AARHUS N
State/Country:	DENMARK
Postal Code:	DK-8200

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16955348

### CORRESPONDENCE DATA

Fax Number: (513)241-6234

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 513-241-2324

Email: mhines@whe-law.com

WOOD HERRON & EVANS LLP (VESTAS WIND SYSTEMS) **Correspondent Name:** 

441 VINE STREET Address Line 1:

Address Line 2: **SUITE 2700** 

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	VWS-1088US
NAME OF SUBMITTER:	STEVEN W. BENINTENDI
SIGNATURE:	/Steven W. Benintendi/
DATE SIGNED:	12/10/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 9** 

source=VWS-1088US Assign#page1.tif source=VWS-1088US\_Assign#page2.tif

> **PATENT** REEL: 058358 FRAME: 0497 507020754

source=VWS-1088US_Assign#page3.tif
source=VWS-1088US_Assign#page4.tif
source=VWS-1088US_Assign#page5.tif
source=VWS-1088US_Assign#page6.tif
source=VWS-1088US_Assign#page7.tif
source=VWS-1088US_Assign#page8.tif
source=VWS-1088US_Assign#page9.tif

PATENT REEL: 058358 FRAME: 0498

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention: MODULAR WIND TURBINE BLADE AND ASSOCIATED METHOD OF MANUFACTURE

As t	he below named inventor, I	hereby declare tha	t:
This	Declaration is directed to:		
The attach	ed application		
<u></u>	tes Application Number or l		
Number	16/955,348	filed on	June 18, 2020
I be	above-identified application lieve that I am the original i		norized to be made by me.

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,

Page 1 of 3

and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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. This Assignment is governed by the substantive laws of Denmark, and any disputes will be resolved in a court sited in Denmark.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of Inventor:	Leon Barton	
Inventor's Signature:		Date: 23/3/202
Residence		,
City/State/Country:	Newport, Isle Of Wight, United Kingdom	
	5 Cookworthy Road	
	NEWPORT, ISLE OF WIGHT	
	PO30 5NP	
Mailing Address:	UNITED KINGDOM	
Citizenship:	United Kingdom	,

### Attorney Docket No. VWS 1088US

Legal name of Inventor:	Robert Hunter	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Cowes, Isle Of Wight, United Kingdom	
· ·	91 Park Road	
	COWES, ISLE OF WIGHT	
	PO31 7NE	
Mailing Address:	UNITED KINGDOM	
Citizenship:	United Kingdom	
·		
Legal name of Inventor:	Christopher Owens	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Newport, Wales, United Kingdom	
J	35 Alvington Road	
	NEWPORT, WALES	
	PO30 5AR	
Mailing Address:	UNITED KINGDOM	
Citizenshin;	United Kingdom	

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention: MODULAR WIND TURBINE BLADE AND ASSOCIATED METHOD OF MANUFACTURE

As the below named inventor, I hereby declare that:

Th	is Declaration is directed to:			
The attach	ed application			
	ou upproution			
x United Sta	tes Application Number or PCT	International .	Application	
Number	16/955,348	filed on	June 18, 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,

and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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. This Assignment is governed by the substantive laws of Denmark, and any disputes will be resolved in a court sited in Denmark.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of Inventor:	Leon Barton	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Newport, Isle Of Wight, United Kingdom	
	5 Cookworthy Road	
	NEWPORT, ISLE OF WIGHT	
	PO30 5NP	
Mailing Address:	UNITED KINGDOM	
Citizenship:	United Kingdom	

Legal name of Inventor:	Robert Hunter	
Inventor's Signature:	Alle	Date: 10/12/2021
Residence		
City/State/Country:	Cowes, Isle Of Wight, United Kingdom	
	91 Park Road	
	COWES, ISLE OF WIGHT	
	PO31 7NE	
Mailing Address:	UNITED KINGDOM	30. 1000
Citizenship:	United Kingdom	
Legal name of Inventor:	Christopher Owens	
Inventor's Signature:		Date;
Residence		
City/State/Country:	Newport, Wales, United Kingdom	
	35 Alvington Road	
	NEWPORT, WALES	
	PO30 5AR	
Mailing Address:	UNITED KINGDOM	
Citizenship:	United Kingdom	

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention: MODULAR WIND TURBINE BLADE AND ASSOCIATED METHOD OF MANUFACTURE

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 16/955,348 filed on June 18, 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

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,

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;

and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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. This Assignment is governed by the substantive laws of Denmark, and any disputes will be resolved in a court sited in Denmark.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Leon Barton	
	Date:
Newport, Isle Of Wight, United Kingdom	
5 Cookworthy Road	
NEWPORT, ISLE OF WIGHT	
PO30 5NP	
UNITED KINGDOM	
United Kingdom	
	Newport, Isle Of Wight, United Kingdom 5 Cookworthy Road NEWPORT, ISLE OF WIGHT PO30 5NP UNITED KINGDOM

### Attorney Docket No. VWS 1088US

Legal name of Inventor:	Robert Hunter	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Cowes, Isle Of Wight, United Kingdom	
	91 Park Road	
	COWES, ISLE OF WIGHT	
	PO31 7NE	
Mailing Address:	UNITED KINGDOM	
Ciţizenship:	United Kingdom	
Legal name of Inventor:	Christopher Owens	
Inventor's Signature;	-(0)	Date: 01/04/2
Residence		•
City/State/Country:	Shanklin, Isle of Wight, United Kingdom	
	52 Church Road	
	SHANKLIN, ISLE OF WIGHT	
	PO37 6QY	
Mailing Address:	UNITED KINGDOM	
Citizenship:	United Kingdom	