505150834 10/19/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB DELEURAN GRUNNET	08/21/2018
ERIK CARL LEHNSKOV MIRANDA	06/20/2018
MICHAEL RIIS KRABBE	09/23/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15775449

CORRESPONDENCE DATA

Fax Number: (713)623-4846

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.

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Email: psdocketing@pattersonsheridan.com,

mprzybyl@pattersonsheridan.com

Correspondent Name: PATTERSON & SHERIDAN, LLP / VESTAS

Address Line 1: 24 GREENWAY PLAZA, SUITE 1600

Address Line 4: HOUSTON, TEXAS 77046

ATTORNEY DOCKET NUMBER:	VEST/0513USP
NAME OF SUBMITTER:	MICHAEL S. PRZYBYL
SIGNATURE:	/Michael S. PRZYBYL/
DATE SIGNED:	10/19/2018

Total Attachments: 4

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> **PATENT** REEL: 047238 FRAME: 0384 505150834

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> PATENT REEL: 047238 FRAME: 0385

Atty Dkt No.: VEST/0513USP 2015P00101WOUS KIHHA

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Jacob Deleuran GRUNNET	2)	Erik Carl Lehnskov MIRANDA
	Skolevænget 21		Bastrups Allé 14
	DK-8310 Tranbjerg J		DK-8940 Randers Sv
	DENMARK		DENMARK
	Michael Riis KRABBE		
3)	Engtoften 6		
	DK-7600 Struer		
	DENMARK		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

MULTI-ROTOR TURBINE ARRANGED FOR COORDINATED ROTATIONAL SPEEDS

for which application for Letters Patent in the United States was filed on May 11, 2018, under Serial No. 15/775,449, executed on even date herewith; and

WHEREAS, VESTAS WIND SYSTEMS A/S, having a place of business at Hedeager 42, DK-8200 Aarhus N, DENMARK (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions

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and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	21/8-2018 (DATE)	Jacob Deleuran GRUNNET
2)	(DATE)	Erik Carl Lehnskov MIRANDA
3)	(DATE)	Michael Riis KRABBE

Atty Dkt No.: VEST/0513USP 2015P00101WOUS KIHHA

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- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	(DATE)	Jacob Deleuran GRUNNET
2)	20/6-18 (DATE)	Erik Carl Lehnskov MIRANDA
3)	(DATE)	Michael Riis KRABBE

Atty Dkt No.: VEST/0513USP 2015P00101WOUS KIHHA

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- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	(DATE)	
		Jacob Deleuran GRUNNET
2)	(DATE)	Erik Carl Lehnskov MIRANDA
		LIIK Oan Leiniskov wiitANDA
		440004 000
3)	23/9-18 (DATE)	elle Kvalsbe
-/		Michael Riis KRABBE