504432013 06/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4478714

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATHIAS ERNST MESSMER	06/16/2017
STEFAAN GUIDO VAN NIEUWENHOVE	06/19/2017
THOMAS MERZHAEUSER	06/19/2017
MARTIN PETERSEN	06/19/2017
ANDREAS LUTZ	06/16/2017

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC COMPANY
Street Address:	1 RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15633798

CORRESPONDENCE DATA

Fax Number: (203)286-2210

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: 518-387-4427

Email: christina.pettway@ge.com

GENERAL ELECTRIC COMPANY GPO/GLOBAL RESE **Correspondent Name:**

Address Line 1: 901 MAIN AVENUE

Address Line 2: 3RD FLOOR

NORWALK, CONNECTICUT 06851 Address Line 4:

ATTORNEY DOCKET NUMBER:	314459
NAME OF SUBMITTER:	CHRISTINA PETTWAY
SIGNATURE:	/Christina D. Pettway/
DATE SIGNED:	06/27/2017

Total Attachments: 7

504432013



COMBINED DECLARATION AND GLOBAL ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

A ROOT INSERT AND A WIND TURBINE HAVING WIND TURBINE BLADES WITH ROOT INSERTS

\boxtimes	the specification of which is attached hereto OR	
	United States application or PCT international application number	
	filed on	, as
	amended on [date] (if applicable).	
	(We hereby authorize and request the Company or its delegated attorneys insert above the application number and filing date of the application when kn	•

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we

17 VVC,						
Inventor	Inventor	Inventor Last		Residence	Residence	Residence
First Name	Middle	Name		Town	State	Country
	Name					
3.6 - 11-1		0.4		1	Devende	55
Mathias	Ernst	Messmer	of	Lenggries	Bavaria	DE
Stefaan	Guido	Van	of	Hohenkammer	Bavaria	DE
		Nieuwenhove				
Thomas		Merzhaeuser	of	Munich	Bavaria	DE
Martin		Petersen	of	Poing	Bavaria	DE
Andreas		Lutz	of	Freising	Bavaria	DE

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hereby sell and assign to:

Name of Company: General Electric Company	
Entity Type (optional): New York corporation	
Address: 1 River Road, Schenectady, New York 12345 USA	

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including. but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

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GE Docket No. <u>314459-1</u>	
INVENTOR 1	
Signature: <u>//c/b/-////////////////////////////////</u>	Date: <u>June 16, 201</u> 7
Witnessed by: <u>A-Ja 6</u> /6. Signature	Date: June 16.2017
Hiraguka Towa ka Printed Name of Witness	
Witnessed by: <u>A.V.cod</u>	Date: July 16, 2017
Anjo Nicoxtachker Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
	Pate:
Mathias Ernst Messmer	
STATE OF SS. COUNTY OF	
<u>Mathias Ernst Messmer,</u> to me personally knov	_ before me personally came the above-named on as the individual who executed the foregoing se executed the same of his/her own free will for
Seal	
	(Notary Public)

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GE Docket No. <u>314459-1</u>			
INVENTOR 2			
Signature: Stefaan Guido Van Nieuwenhove	Date: <u>June</u>	<u> </u>	
Witnessed by:	Date:	19,2017	
SULTAN SHAR Printed Name of Witness			
Witnessed by: 147 E E E Signature	Date:	19.2214	
Hiroyuki Tenaka Printed Name of Witness			
SECTION BELOW IS FOR USE ONLY IF S	SIGNING IN PRESENCE	OF A NOTARY	
Stefaan Guido Van Nieuwenhove	Date:		
STATE OF SS. COUNTY OF			
This day of	irsonally known as the ir	ndividual who exec	uted the
Seal			

v9.18.12

(Notary Public)

INVENTOR 3	
Signature: <u>Nowe Voldos</u> Thomas Merzhaeuser	Date: Jule 19, 2017
Witnessed by: MARIANNE Reijerker. Signature Printed Name of Witness	K Date: <u>June 19, 2017</u>
Printed Name of Witness Witnessed by: Signature KARISS BORNOM AN N	Date: Down 19 (2014)
Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SH Thomas Merzhaeuser	GNING IN PRESENCE OF A NOTARY Date:
STATE OF S9.	
This day of Thomas Merzhaeuser, to me personally know assignment, who acknowledged to me that he/s the purposes therein set forth.	before me personally came the above-named who as the individual who executed the foregoing she executed the same of his/her own free will for
Seal	
	(Notary Public)

v9.18.12

GE Docket No. 314459-1

S

INVENTOR 4		
Signature:	Date: <u>1904 19, 2017</u>	
Witnessed by: 2004/21/2014	Date: <u>49.06-2017</u>	
THEODOSTA KOURKOUTSAKI Printed Name of Witness		
Witnessed by: 4 4 5 5 Signature	Dale: Line 19. 2019	
Hiroyaki Tanka Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY		
Martin Petersen	Date:	
STATE OF		
COUNTY OF		
Martin Petersen, to me personally known.	before me personally came the above-named as the individual who executed the foregoing she executed the same of his/her own free will for	

GE Docket No. 314459-1

Seal

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PATENT REEL: 042821 FRAME: 0118

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(Notary Public)

GE Docket No. <u>314459-1</u>	
INVENTOR 5	
Signature: <u>Andreas Lutz</u>	Date: <u>June 16, 2017</u> -
Witnessed by: 4-2-5 Signature	Date: <u>Janu 16, 2017</u>
Hiroyuki Tanako: Printed Name of Witness	
Witnessed by: <u>A. V. C. T. A. G.</u> Signature	Date: <u>June 16.2017</u>
Anja Lieroischker Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGN	ING IN PRESENCE OF A NOTARY
De Andreas Lutz	ete:
STATE OF \$6.	
This day of	before me personally came the above-named vidual who executed the foregoing assignment, a same of his/her own free will for the purposes
Seal	
«»	(Notary Public)

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RECORDED: 06/27/2017

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