505928444 02/21/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARRY HOLLOMAN	09/27/2017
STEVEN KOESTER	09/18/2017

RECEIVING PARTY DATA

Name:	QUEST GLOBAL SERVICES-NA, INC.	
Street Address:	11499 CHESTER ROAD STE 700	
City:	CINCINNATI	
State/Country:	OHIO	
Postal Code:	45246	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16640806

CORRESPONDENCE DATA

Fax Number: (407)243-3175

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: ipdadmin.us@siemens.com

Correspondent Name: SIEMENS CORPORATION IP DEPARTMENT

Address Line 1: 3501 QUADRANGLE BLVD STE 230

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ATTORNEY DOCKET NUMBER:	BER: 2017P12681WOUS	
NAME OF SUBMITTER: STEVEN GREENLEE		
SIGNATURE:	/STEVEN GREENLEE/	
DATE SIGNED:	02/21/2020	

Total Attachments: 4

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PATENT 505928444 REEL: 051885 FRAME: 0846

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ASSIGNMENT

For good and valuable consideration, I (We),

Harry Holloman, residing at 7626 Hyatts Lane, Mainevlile, OH 45039, US, citizen of US Steven Koester, residing at 310 W Crawford Avenue, Toledo, OH 43612, US, citizen of US

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to **QuEST Global Services-NA**, **Inc.**, having its principal place of business at 11499 Chester Road, Suite 700 Cincinnati, Ohio 45246, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of the UNITED STATES OF AMERICA or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(8)(i) to the extent such laws of the UNITED STATES OF AMERICA or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and fnterest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tune on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: **ASYMMETRICALLY SHAPED TURBINE BLADE INTERNAL TIP TURN**

Filing Date: 24 Aug 2017 Filing Number: 62/549,716

Internal Case Number(s): 2017P12681 US

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

IDNR: 1930 / 21.05.2015

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(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

//////////////////////////////////////	naturé	Harry Holloman	
Javan printed name	Albright		
Witness Sign	nature	Steven Koester	
printed name)	Date	
Companies R	tepresentative(s) QuEST Global	Services-NA, Inc.	
Signature(s):			
Name(s):	Shamashad Begum		
Title:	Authorized Signatory		
Date:	10.10.2017		

ASSIGNMENT

For good and valuable consideration, I (We),

Harry Holloman, residing at 7626 Hyatts Lane, Maineville, OH 45039, US, citizen of US Steven Koester, residing at 310 W Crawford Avenue, Toledo, OH 43612, US, citizen of US

hereafter individually or collectively referred to as "Assignor(s)",

Hereby, (I) acknowledge having previously assigned, sold and transferred to QuEST Global Services-NA, Inc., having its principal place of business at 11499 Chester Road, Suite 700 Cincinnati, Ohio 45246, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(I) the laws of the UNITED STATES OF AMERICA or (II) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filled with this Assignment, already filled or granted for Letters Patent (In which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of the UNITED STATES OF AMERICA or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest, then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified, patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title ASYMMETRICALLY SHAPED TURBINE BLADE INTERNAL TIP TURN
Filing Date 24 Aug 2017
Filing Number 62/549,716
Internal Case Number(s) 2017P12681 US

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements, and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements,

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PATENT REEL: 051885 FRAME: 0849

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(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements, execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives, and

(iii) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned

Witness Signature	Harry Holloman
printed name	Date
Witness Skinature	<u>Jac Mester</u> Steven Koester
RANGE STEHOUWER	<u>9/18/77</u> Date
Companies Representative(s) QuEST Global Services-NA, Inc Signature(s) Name(s) Title	
Date <u>Ochbol II., Jo</u>	17

PATENT REEL: 051885 FRAME: 0850

RECORDED: 02/21/2020