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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4027421

CONVEYING PARTY DATA

Name	Execution Date
ERIK JOHNSON	02/17/2015
ERIC SCHROEDER	02/15/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15118510	

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.

Email: ipdadmin.us@siemens.com

Correspondent Name: SIEMENS CORPORATION - IP DEPARTMENT

Address Line 1: 3500 QUADRANGLE BLVD STE 230

Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER:	2015P01006WOUS
NAME OF SUBMITTER:	DOTTIE MANOS
SIGNATURE:	/Dottie Manos/
DATE SIGNED:	08/29/2016

Total Attachments: 5

source=2015P01006WO Assignment Inv to QuEST executed#page1.tif source=2015P01006WO_Assignment_Inv_to_QuEST_executed#page2.tif source=2015P01006WO_Assignment_Inv_to_QuEST_executed#page3.tif source=2015P01006WO_Assignment_Inv_to_QuEST_executed#page4.tif source=2015P01006WO Assignment Inv to QuEST executed#page5.tif

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ASSIGNMENT

For good and valuable consideration, I (We),

Erik Johnson, residing at 335 Central Avenue, Cincinnati, OH 45215, US, citizen of US

Eric Schroeder, residing at 1949 Rollins Drive, Loveland, OH 45140, 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., a corporation organized and existing under the laws of, having its principal place of business at 11499 Chester Road, Suite 700, Cincinnati, OH 45246, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of 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, and the right to sue and recover damages for past, present and future infringement) 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

(B)(i) to the extent such laws of 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: TURBINE ABRADABLE LAYER WITH COMPOUND ANGLE, ASYMMETRIC SURFACE AREA RIDGE AND GROOVE PATTERN

Filing Date (MM/DD/YYYY): Filed Herewith

Filing Number: Filed Herewith

Internal Case Number(s): 2015P01006WO

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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(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.

Ouch Quy Witness Signature	Erik Jahrson
Niuk Howard printed name	<u>02/17/15</u> Date
Witness Signature	Eric Schroeder
printed name	Date

Docket No.: **2015P01006WO** Page 3 of 3

Companies	Representativo/al	
QuEST Glot	Representative(s) pal Services-NA, Inc	
ú.	T 17 17 16 16 16	

Signature		
Name	 	
Date		

ASSIGNMENT

For good and valuable consideration, I (We),

Erik Johnson, residing at 335 Central Avenue, Cincinnati, OH 45215, US, citizen of US

Eric Schroeder, residing at 1949 Rollins Drive, Loveland, OH 45140, 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., organized and existing under the laws of, having its principal place of business at 11499 Chester Road, Suite 700, Cincinnati, OH 45246, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of 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, and the right to sue and recover damages for past, present and future infringement) 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

(B)(i) to the extent such laws of 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 filling 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: TURBINE ABRADABLE LAYER WITH COMPOUND ANGLE, ASYMMETRIC SURFACE AREA RIDGE AND GROOVE PATTERN
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Internal Case Number(s): 2015P01006WO

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;

(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 exerPATENdivisional

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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.

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Witness Signature	Erik Johnson
Withess dignature	LIK OUTHOUT
printed name	Date
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Witness Signature	Eric Schroeder
	911 18111
	oug we
printed name	Date //
JENNA SCHROEDER	7/15/15

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