PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5212167

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES PAGE STROHL	10/24/2018
PAUL HERBER	10/24/2018
NATE HARDEGREE	10/24/2018

RECEIVING PARTY DATA

Name:	CHROMALLOY GAS TURBINE LLC
Street Address:	3999 RCA BLVD.
City:	PALM BEACH GARDENS
State/Country:	FLORIDA
Postal Code:	33410

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16173714	

CORRESPONDENCE DATA

Fax Number: (913)451-0875

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: 9134515115

Email: tdunkin@lathropgage.com

HISSAN ANIS, LATHROP GAGE L.L.P. **Correspondent Name:**

Address Line 1: 10851 MASTIN BLVD.

Address Line 2: **SUITE 1000**

Address Line 4: **OVERLAND PARK, KANSAS 66210**

ATTORNEY DOCKET NUMBER:	605959: CGT-326	
NAME OF SUBMITTER:	TAMMY DUNKIN	
SIGNATURE:	/TAMMY DUNKIN/	
DATE SIGNED:	10/30/2018	

Total Attachments: 5

source=CGT-326 Executed Assignment#page1.tif source=CGT-326 Executed Assignment#page2.tif source=CGT-326 Executed Assignment#page3.tif

> **PATENT REEL: 047347 FRAME: 0885** 505165399

source=CGT-326 Executed Assignment#page4.tif source=CGT-326 Executed Assignment#page5.tif

PATENT REEL: 047347 FRAME: 0886

Attorney Docket No.: 605959: CGT-326

ASSIGNMENT

WHEREAS, We, JAMES PAGE STROHL, PAUL HERBER and NATE HARDEGREE herein called individually an "ASSIGNORS" in connection with the invention entitled: METHOD AND APPARATUS FOR IMPROVING TURBINE BLADE SEALING IN A GAS TURBINE ENGINE for which we are about to make or have made application for Letters Patent of the United States; and

AND WHEREAS, CHROMALLOY GAS TURBINE LLC, a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 3999 RCA Blvd, Palm Beach Gardens, Florida (33410) herein called "ASSIGNEE" is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said LISTED APPLICATIONS;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby self, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the application, and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations, and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention(s) and discoveries in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the benefit of priority of said inventions, discoveries, and patent applications listed herein, including the application and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is/are filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue for and to collect damages and other relief:

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument:

AND WE HEREBY covenant and agree that we have full rights to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filling date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all

Page 1 of 5

30223627v.1

Attomey Docket No.: 605959: CGT-326

continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

AND WE HEREBY further agree that this Assignment does not create any agency, employment, or partnership relationship between the parties;

AND WE HEREBY further agree that this Assignment shall not be construed against any party on the ground that such party was responsible for the preparation of this Assignment, or on any related ground;

AND WE HEREBY further agree that should any provision of this Assignment be determined to be void, unenforceable, or against public policy, such provision may be altered in time or scope in order to give effect to such provision. If such alternation is not possible, such provision shall be deemed severed from this Assignment and the balance of this Assignment shall remain in full force and effect, so long as the original intent of this Assignment remains substantially intact.

IN TESTIMONY WHEREOF, We hereunto set our hands and seal (if applicable) the day and year set opposite our signatures.

[THIS SPACE LEFT BLANK]

ASSIGNORS:

			۵		
10/24/18		179	Long	4	
Date Date	(Signature)	JAMES PAG	E STROHL		
I acknowledge that I was pers ne, duly execute the above ass	onally present i	ificate of Witness and did see the c date therein set fo	ibove person, v	vho is person	ally known to
Witness:					
10/24/18	(Signature)	Pa	26.	Dec	<u> </u>
Date (7	(print full nan		<u> </u>	***************************************	1EK
City/State) <u>\begin{align} \begin{align} \be</u>	n Be		AEDE		
10/24/18	(Signature)	Pau	l6.k	leil	9
Date		PAUL HERB	er	:	
	Cert	ificate of Witness			
acknowledge that I was pers ne, duly execute the above ass	onally present o	and did see the a	ibave person, v	ho is persone	illy known to
Vitness:					
10/24/18	(Signature)				and the spiritual of th
Date	(print full nam	so NATU		F 6125E	
City/State) PALM B.	CACH GAR	·····			······································

Page 3 of S

30223627v.1

PATENT

Attorney Docket No.: 605959: CGT-326

NATE HARDEGRES

Certificate of Witness

I acknowledge that I was personally present and did see the above person, who is personally known to me, duly execute the above assignment on the date therein set forth.

Witness:

10/24/18

(Signature)

Date

(print full name)

(City/State)

PATENT

Attorney Docket No.: 605959: CGT-326

<u>YEE:</u> CHROM/	HAD GAS TUR	BINE LLC	
(sian)	////		
(print full c	name) Steven	2.Lowsc	*^
(title)	Vice Pre	'sidentes	ecretory.
			J
Certificat	e of Witness		
lly present and d	lid see the above p	erson, who is pe	rsonally known to
ignature)	Centhia	Mia	<u> </u>
rint full name) 🛴	Zinthia	4. Traw	
U, and			
	(sign) (print full in the control of the control of the date to th	(sign) (print full name) Steven (nitle) Certificate of Witness Ily present and did see the above ponent on the date therein set forth.	(print full name) Heven 2.10080 (title) Vice Presidentes <u>Certificate of Witness</u> lly present and did see the above person, who is pe

Page 5 of 5

30223627v.1

PATENT REEL: 047347 FRAME: 0891