PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Execution and Witness dates for Inventor Marusko previously recorded on Reel 025863 Frame 0129. Assignor(s) hereby confirms the Assignment of his entire right, title and interest.

CONVEYING PARTY DATA

Name	Execution Date
Toby George Darkins Jr.	01/04/2011
John Peter Heyward	01/03/2011
Eric Alan Estill	01/03/2011
Joshua Brian Jamison	01/06/2011
James Herbert Deines	01/03/2011
Mark Willard Marusko	11/01/2011
James Thomas Hawkins	01/03/2011

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:	12977299

CORRESPONDENCE DATA

Fax Number: (219)464-1166 219-462-4999 Phone:

Email: domenica@hartmaniplaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Hartman & Hartman, P.C.

Address Line 1: 552 E. 700 N.

Address Line 4: Valparaiso, INDIANA 46383

PATENT

REEL: 027233 FRAME: 0850

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ATTORNEY DOCKET NUMBER:	235435-1	
NAME OF SUBMITTER:	Domenica N.S. Hartman	
Total Attachments: 21		
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ASSIGNMENT

In accordance with my/our obligations 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 the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Toby George Darkins Jr. of Loveland, OH

John Peter Heyward of Loveland, OH

Eric Alan Estill of Morrow, OH

Joshua Brian Jamison of Liberty Township, OH

James Herbert Deines of Mason, OH

Mark Willard Marusko of Springboro, OH

James Thomas Hawkins of Loveland, OH

hereby sell and assign to **General Electric Company, a New York Corporation**, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional application for United States Patent currently entitled:

TURBINE AIRFOIL COMPONENTS CONTAINING CERAMIC-BASED MATERIALS AND PROCESSES THEREFOR

- ☐ executed concurrently herewith,
- filed on December 23, 2010 having Serial Number 12/977,299.

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Page 1 of 8

INVENTOR 1	
Signature: Dog Beorge Doma, International TOBY GEORGE DARKINS JR.	Date: 1-4-(1
Witnessed by: Miles F. Tunk Signature	Date: _/-4-//
PHILIP F. TINVE Printed Name of Witness	
Witnessed by: Jery a. Weinly	Date: 1-4-11
JERRY A. WEINLE Printed Name of Witness	
SECTION BELOW IS FOR USE ONL	Y IF SIGNING IN PRESENCE OF A NOTARY
TOBY GEORGE DARKINS JR.	Date:
TOBT GEORGE DARKING JK.	
STATE OF Ohio	
COUNTY OF	
Thisday of,,,,	before me personally came the above-named nally known as the individual who executed the foregoing s/she executed the same of his/her own free will for the
Seal	(Notary Public)

Page 2 of 8

INVENTOR 2	
Signature: JOHN PETER HEYWA	ARD Date: January 3 2011
Witnessed by: Signature Tinsfan Range	Date: Jan. 3 ¹⁰ , 2011
Printed Name of Witness	
Witnessed by: Signature	Date:
Printed Name of Witness	·
SECTION BELOW IS FOR U	JSE ONLY IF SIGNING IN PRESENCE OF A NOTARY
IOUN PETER HEWMARD	Date:
JOHN PETER HEYWARD	
STATE OF Ohio	
COUNTY OF	SS.
This day of	before me personally came the above-named personally known as the individual who executed the foregoing me that he/she executed the same of his/her own free will for the
Seal	(Notary Public)

Page 3 of 8

INVENTOR 3	
Signature: ERIC ALAN ESTILL	Date: 1/3/2011
Witnessed by: // Signature	Date: 1/3/2011
Printed Name of Witness Witnessed by Signature	Date: 1/3/2011
Christopher D. Lahna Printed Name of Witness	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
ERIC ALAN ESTILL	Date:
STATE OF Ohio COUNTY OF	SS.
This, ERIC ALAN ESTILL, to me personally assignment, who acknowledged to me purposes therein set forth.	before me personally came the above-named known as the individual who executed the foregoing that he/she executed the same of his/her own free will for the
Seal	(Notary Public)

Page 4 of 8

INVENTOR 4	
Signature: Joshua BRIAN JAMISON	Date: 1/0/20(1
Witnessed by: Signature Printed Name of Witness	Date: 1/6/2011
Witnessed by: Juny Ky	Date: 1/6/2011
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
JOSHUA BRIAN JAMISON	Date:
STATE OF Ohio	
COUNTY OF	
This day of, before JOSHUA BRIAN JAMISON, to me personally known assignment, who acknowledged to me that he/she expurposes therein set forth.	e me personally came the above-named in as the individual who executed the foregoing executed the same of his/her own free will for th
Seal	(Notary Public)

Page 5 of 8

INVENTOR 5	
Signature: James Henland Son	Date: 1/3/11
Witnessed by: Arm Signature	
Brian David Przeslawski Printed Name of Witness	_
Witnessed by: Assert Signature	Date: 1/5/1)
Andrew David William Thiel Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY	/ IF SIGNING IN PRESENCE OF A NOTARY
	Date:
JAMES HERBERT DEINES	
STATE OF Ohio	
COUNTY OF	
Thisday of, JAMES HERBERT DEINES, to me personal assignment, who acknowledged to me that h purposes therein set forth.	_ before me personally came the above-named ly known as the individual who executed the foregoing e/she executed the same of his/her own free will for the
Seal	(Notary Public)

Page 6 of 8

INVENTOR 6	
Signature: Wark Willard Marusi	O Date:
	Date://///
Sean Molleson Printed Name of Witness	
Witnessed by: Julium Signature	Date:
ERIC ROBERSON Printed Name of Witness	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
MARK WILLARD MARUSKO	Date:
STATE OF Ohio COUNTY OF	\$\$.
Thisday of, MARK WILLARD MARUSKO, to me passignment, who acknowledged to me purposes therein set forth.	before me personally came the above-named personally known as the individual who executed the foregoing that he/she executed the same of his/her own free will for the
Seal .	(Notary Public)

Page 7 of 8

INVENTOR 7	1
Signature: AMES THOMAS HAWK	Date: 1/3/2018
Witnessed by:	Date: 1/3/11
Signature	
Printed Name of Witness	
T	
Witnessed by: Signature	Dete: 1/3/2011
Donna T. Walt	zes.
Printed Name of Witness	
SECTION DELOW IS EOD LISE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
	Date:
JAMES THOMAS HAWKINS	
STATE OF Ohio	\$S.
COUNTY OF	
This day of	
	hafan na namanath anna tha abara nama t
JAMES THOMAS HAWKINS, to me	before me personally came the above-named personally known as the individual who executed the foregoing that he/she executed the same of his/her own free will for the
JAMES THOMAS HAWKINS, to me assignment, who acknowledged to me	personally known as the individual who executed the foregoing

Page 8 of 8

USPTO

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TO: HARTMAN & HARTMAN, P.C. COMPANY: 552 E. 700 N.

PATENT ASSIGNMENT				
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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY I	DATA			
		Name	Execution Date	
Toby George Darkins JR			01/04/2011	
John Peter Heyward			01/03/2011	
Eric Alan Estill			01/03/2011	
Joshua Brian Jamison			01/06/2011	
James Herbert Deines			01/03/2011	
Mark Willard Marusko	-		02/17/2011	
James Thomas Hawki	ns		01/03/2011	
Name: Street Address: City: State/Country: Postal Code:	General Elec 1 River Road Schenectady NEW YORK 12345			
PROPERTY NUMBER Property Ty Application Number:		12977299	Number	
CORRESPONDENCE Fax Number: Correspondence will be Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	(219)46 ne sent via US 219-46/ domeni Hartma 552 E. I	t <i>Mail when the fax attempt is t</i> 2-4999 ca@hartmaniplaw.com n & Hartman, P.C.	unsuccessful.	
ATTORNEY DOCKET	NUMBER:	235435-1		
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PATENT

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TO: HARTMAN & HARTMAN, P.C. COMPANY: 552 E. 700 N.

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ASSIGNMENT

In accordance with my/our obligations 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 the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Toby George Darkins Jr. of Loveland, OH

John Peter Heyward of Loveland, OH

Eric Alan Estill of Morrow, OH

Joshua Brian Jamison of Liberty Township, OH

James Herbert Deines of Mason, OH

Mark Willard Marusko of Springboro, OH

James Thomas Hawkins of Loveland, OH

hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional application for United States Patent currently entitled:

TURBINE AIRFOIL COMPONENTS CONTAINING CERAMIC-BASED MATERIALS AND PROCESSES THEREFOR

- □ executed concurrently herewith,
- filed on December 23, 2010 having Serial Number 12/977,299.

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Page 1 of 8

INVENTOR 1	
Signature: Day Beorge Dorbing, TOBY GEORGE DARKINS JR.	h Date: 1-4-11
Witnessed by: Miles F. Tunk Signature	Date: _/-4-//
PHILIP F. TINVE Printed Name of Witness	_
Witnessed by: Signature	Date: 1-4-11
JERRY A. WEINLE Printed Name of Witness	
SECTION BELOW IS FOR USE ON	LY IF SIGNING IN PRESENCE OF A NOTARY
TOBY GEORGE DARKINS JR.	Date:
STATE OF Ohio	
COUNTY OF	
TORY GEORGE DARKING IR to me ners	_ before me personally came the above-named onally known as the individual who executed the foregoing ne/she executed the same of his/her own free will for the
Seal	(Notary Public)

Page 2 of 8

Signature: JOHN PETER HEYWAR	Date: January 3 2011
Witnessed by: Signature Tinsfan Pang	Date: Jan. 3rd, 2011
Printed Name of Witness Witnessed by: Signature	Date:
Printed Name of Witness	
SECTION BELOW IS FOR US	E ONLY IF SIGNING IN PRESENCE OF A NOTARY
IOUN DETED HEVINADO	Date:
JOHN PETER HEYWARD	
STATE OF Ohio	SS.
	SS.
STATE OF Ohio COUNTY OF This day of to me of	ss before me personally came the above-named ersonally known as the individual who executed the foregoing he that he/she executed the same of his/her own free will for the

Page 3 of 8

INVENTOR 3	
Signature: Signature: ERIC ALAN ESTILL	Date: 1/3/201/
Witnessed by: // Signature	Date: 1/3/2011
Printed Name of Witness	
Witnessed by Signature	Date: 1/3/2011
Chr3 topher D. Lahna Printed Name of Witness	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
	Date:
ERIC ALAN ESTILL	
STATE OF Ohio	ss.
COUNTY OF	33.
PRICAL AN ECTIL 1 to me nemental	_, before me personally came the above-named ly known as the individual who executed the foregoing e that he/she executed the same of his/her own free will for the

Page 4 of 8

INVENTOR 4	
Signature: Joshua BRIAN JAMISON	aurs
Witnessed by: Signature	Date: 1/6/2011
Printed Name of Witness	
Witnessed by: Juny Kg	Date: 1/6/2011
Jeremy K Payne	
Printed Name of Witness	
SECTION BELOW IS FOR USE (ONLY IF SIGNING IN PRESENCE OF A NOTARY
	Date:
JOSHUA BRIAN JAMISON	
	ss.
COUNTY OF	
This day of, JOSHUA BRIAN JAMISON, to me per assignment, who acknowledged to me purposes therein set forth.	before me personally came the above-named rsonally known as the individual who executed the foregoing that he/she executed the same of his/her own free will for the
Seal -	(Notary Public)

Page 5 of 8

INVENTOR 5	
Signature: James Horbert Sam JAMES HERBERT DEINES	Date: 1/3/11
Witnessed by: Ann Signature Signature	Date:
Brian David Przeslawski Printed Name of Witness	
Witnessed by: Assert Signature	Date:
Andrew David William Thiel Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY	IF SIGNING IN PRESENCE OF A NOTARY
	Date:
JAMES HERBERT DEINES	
STATE OF Ohio	
COUNTY OF	
	before me personally came the above-named lly known as the individual who executed the foregoing he/she executed the same of his/her own free will for the
Seal	

Page 6 of 8

INVENTOR 6	
Signature: MARK WILLARD MARUS	Date: 2/17/11
Witnessed by: Signature	Date: 2/18/1/
Toseph C Albers Printed Name of Witness	
Witnessed by: Zalan Signature	Date: 2/18/11
ERIC ROBERSON Printed Name of Witness	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY Date:
MARR WILLARD MARUSRO	
STATE OF Ohio	_
COUNTY OF	36 .
This day of MARK WILLARD MARUSKO, to me p assignment, who acknowledged to me to purposes therein set forth.	before me personally came the above-named ersonally known as the individual who executed the foregoing that he/she executed the same of his/her own free will for the
Seal _	(Notary Public)

Page 7 of 8

INVENTOR 7
Signature: Date: 1/3/2018 AMES THOMAS HAWKINS
Witnessed by: Signature Date: 1/3/11
Printed Name of Witness
Witnessed by:
Donna T. Walters Printed Name of Witness
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY
Date:
JAMES THOMAS HAWKINS
STATE OF Ohio
STATE OF ORIO SS. COUNTY OF
SS.

Page 8 of 8

PATENT REEL: 027233 FRAME: 0869

RECORDED: 11/16/2011