

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4870553

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICHOLAS JOSEPH KRAY	02/22/2018
PAUL GERARD MARSLAND	02/27/2018
WAYNE ALLEN SPENCE	03/15/2018
ABHIJEET YADAV	03/01/2018
SAMAR JYOTI KALITA	02/23/2018
NITESH JAIN	03/01/2018
NARENDRA D. JOSHI	02/26/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENERAL ELECTRIC COMPANY
<b>Street Address:</b>	1 RIVER ROAD
<b>City:</b>	SCHENECTADY
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12345
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15923545
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(704)464-1084
<i>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.</i>	
<b>Phone:</b>	7045998911
<b>Email:</b>	patents@thlip.com
<b>Correspondent Name:</b>	TREGO, HINES & LADENHEIM, PLLC
<b>Address Line 1:</b>	10224 HICKORYWOOD HILL AVE.
<b>Address Line 2:</b>	SUITE 202
<b>Address Line 4:</b>	HUNTERSVILLE, NORTH CAROLINA 28078
<b>ATTORNEY DOCKET NUMBER:</b>	276041_1
<b>NAME OF SUBMITTER:</b>	JONATHAN M. HINES
<b>SIGNATURE:</b>	/Jonathan M. Hines/
<b>DATE SIGNED:</b>	03/16/2018

PATENT

**Total Attachments: 9**

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**COMBINED DECLARATION AND GLOBAL ASSIGNMENT  
FOR UTILITY PATENT APPLICATION**

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

This declaration and assignment are directed to:

**MECHANICAL AIRFOIL MORPHING WITH INTERNAL MECHANICAL STRUCTURES**

- 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 or agents to insert above the application number and filing date of the application when known.)

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, we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Nicholas	Joseph	Kray	of	Mason	OH	US
Paul	Gerard	Marsland	of	Milford	OH	US
Wayne	Allen	Spence	of	Cincinnati	OH	US
Abhijeet		Yadav	of	Bangalore		IN
Samar	Iyoti	Kalita	of	West Chester	OH	US
Nitesh		Jain	of	Bangalore		IN
Narendra	D.	Joshi	of	Schenectady	NY	US

v9.18.12

hereby sell and assign to:

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

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.

INVENTOR 1

Signature:  
Nicholas Joseph Kray

Date: 2/22/18

Witnessed by:

Signature

Date: 2/22/2018

Anthony Hungler  
Printed Name of Witness

Witnessed by:

Signature

Date: 2/22/2018

Dhondi Ramcharan Kumar  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Nicholas Joseph Kray

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Nicholas Joseph Kray, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature: [Handwritten Signature]  
Paul Gerard Marsland

Date: 2/27/18

Witnessed by: [Handwritten Signature]  
Signature

Date: 2/27/18

Hans R. Wagner  
Printed Name of Witness

Witnessed by: [Handwritten Signature]  
Signature

Date: 2/27/18

Thomas D. Dineen  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Paul Gerard Marsland

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Paul Gerard Marsland, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature: Wayne Allen Spence  
Wayne Allen Spence

Date: 3/15/18

Witnessed by: Lori J. Spence  
Signature

Date: 3/15/18

Lori J. Spence  
Printed Name of Witness

Witnessed by: Marla Veatch  
Signature

Date: 3/15/18

Marla Veatch  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Wayne Allen Spence

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Wayne Allen Spence, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 4

Signature: Abhijeet Yadav  
Abhijeet Yadav

Date: 1 March 2018

Witnessed by: Abhijit Roy  
Signature

Date: 3rd March 2018

Abhijit Roy  
Printed Name of Witness

Witnessed by: Nagamohan G. P.  
Signature

Date: 2<sup>nd</sup> March 2018

Nagamohan G. P.  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Abhijeet Yadav Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Abhijeet Yadav, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)



INVENTOR 5

Signature: Samar Kalita  
Samar Jyoti Kalita

Date: 02/23/2018

Witnessed by: Hongqing Sun  
Signature

Date: 02/23/2018

HONGQING SUN  
Printed Name of Witness

Witnessed by: Lauren Wooley  
Signature

Date: 2/23/18

Lauren Wooley  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Samar Jyoti Kalita

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Samar Jyoti Kalita, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 6

Signature: [Signature]  
Nitesh Jain

Date: 1<sup>st</sup> Mar 2018

Witnessed by: [Signature]  
Signature

Date: 2<sup>nd</sup> May 2018

Abhijit Roy  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 2<sup>nd</sup> March 2018

Nagamohan C P  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

..... Date: .....

Nitesh Jain

STATE OF

ss.

COUNTY OF

This ..... day of ..... before me personally came the above-named Nitesh Jain to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

.....  
(Notary Public)

INVENTOR 7

Signature: \_\_\_\_\_  
Narendra D. Joshi

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Narendra D. Joshi  
Narendra D. Joshi

Date: 2/26/2018

STATE OF

NY

COUNTY OF

Schenectady

ss.

This 26 day of February, 2018, before me personally came the above-named Narendra D. Joshi, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Yvette R. Wayman  
(Notary Public)

**YUVETTE R. WAYMAN**  
Notary Public, State of New York  
No. 01WAL035807

Qualified in Montgomery County  
Comm. Expires: April 19, 2022