### 507377211 07/11/2022

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7424135

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name                  | Execution Date |
|-----------------------|----------------|
| BRIAN STEPHEN GRAY    | 07/06/2022     |
| RICHARD RYAN PILSON   | 06/28/2022     |
| WILLIAM SCOTT ZEMITIS | 06/29/2022     |
| DUSTIN JAMES HALL     | 07/11/2022     |
| DEREK KANOA TAN       | 07/06/2022     |

### **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: | 17860504 |  |  |

### **CORRESPONDENCE DATA**

Fax Number:

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:** 5184490044

**Email:** ptocommunications@hoffmanwarnick.com,

mpaul@hoffmanwarnick.com

Correspondent Name: HOFFMAN WARNICK LLC

Address Line 1: 540 BROADWAY
Address Line 2: 4TH FLOOR

Address Line 4: ALBANY, NEW YORK 12207

| ATTORNEY DOCKET NUMBER: | 605948-US-1  |
|-------------------------|--|
| NAME OF SUBMITTER:      | SPENCER K. WARNICK   |
| SIGNATURE:              | /Spencer K. Warnick/                                       |
| DATE SIGNED:            | 07/11/2022   |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT 507377211 REEL: 060469 FRAME: 0546

# Total Attachments: 7 source=605948-US-1\_CombinedDeclarationAssignment\_Signed\_Complete#page1.tif source=605948-US-1\_CombinedDeclarationAssignment\_Signed\_Complete#page2.tif source=605948-US-1\_CombinedDeclarationAssignment\_Signed\_Complete#page3.tif source=605948-US-1\_CombinedDeclarationAssignment\_Signed\_Complete#page4.tif source=605948-US-1\_CombinedDeclarationAssignment\_Signed\_Complete#page5.tif source=605948-US-1\_CombinedDeclarationAssignment\_Signed\_Complete#page6.tif source=605948-US-1\_CombinedDeclarationAssignment\_Signed\_Complete#page7.tif

PATENT REEL: 060469 FRAME: 0547

# COMBINED DECLARATION AND GLOBAL ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

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

This declaration and assignment are directed to:

### SURFACE PROFILES FOR TIP RAILS OF TURBINE BLADE TIP SHROUD

| 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 ag       | ents to |
| insert above the application number and filing date of the application when known.) | 1       |

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, I/we,

| Inventor   | Inventor | Inventor Last |    | Residence    | Residence | Residence |
|------------|----------|---------------|----|--------------|-----------|-----------|
| First Name | Middle   | Name          |    | Town         | State     | Country   |
|            | Name     |               |    |              |           |           |
|            |          |               |    |              |           |           |
| Brian      | Stephen  | Gray          | of | Greenville   | SC        | US        |
| Richard    | Ryan     | Pilson        | of | Greer        | SC        | US        |
| William    | Scott    | Zemitis       | of | Simpsonville | SC        | US        |
| Dustin     | James    | Hall          | of | Simpsonville | SC        | US        |
| Derek      | Kanoa    | Tan           | of | Greer        | SC        | US        |

v9.18.12

### hereby sell and assign to:

| Name of Company: General Electric Company              |
|--|
| Entity Type (optional): New York corporation           |
| Address: 1 River Road, Schenectady, New York 12345 USA |

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: <u>4.1/</u><br>Brian Stephen  | \$55X55555\$Contraction ( )  | Date: 76/2022   |
| Witnessed by: <u>Alavya</u><br>Sign  | <u>Lature</u>  | Date: 7/6/2022  |
| Honsel Cray Printed Name of Witness Witnessed by: Low Sign                                 | 40.24.1. ature   | Date:   |
| Tany (2.17) And box (4) Printed Name of Witness  |  |   |
| SECTION BELOW IS F   |  | ING IN PRESENCE OF A NOTARY  210:   |
| Brian Stephen Gray   |  |   |
| STATE OF COUNTY OF   | <b>\$\$</b> .  |   |
| Thisday of<br>Stephen Gray, to me perso<br>who acknowledged to me to<br>therein set forth. | 2022 being parally known as the indicate the she executed the sheet and the sheet are control to the sheet are co | ore me personally came the above-named Bria<br>ividual who executed the foregoing assignment<br>e same of his/her own free will for the purpose |
| Seal   |  |   |

PATENT REEL: 060469 FRAME: 0550

(Notary Public)

| INVENTOR 2  | 1  |
|---|--|
| Signature: Richard Ryan Pilson                                  | 166 Date: 6/28/22  |
| Witnessed by:  Signature  Nathan Brown  Printed Name of Witness |  |
| Witnessed by: Signature   | My Date: <u>6/28/22</u>  |
| Scarcab Cassady<br>Printed Name of Witness                      |  |
| SECTION BELOW IS FOR USE OF                                     | NLY IF SIGNING IN PRESENCE OF A NOTARY   |
|   | Date:  |
| Richard Ryan Pilson   |  |
| STATE OF COUNTY OF  | SS.  |
| Richard Ryan Pilson, to me person                               | , 2022 before me personally came the above-named<br>ally known as the individual who executed the foregoing<br>e that he/she executed the same of his/her own free will fo |
| Seal _  | (Notary Public)  |

|   | INVENTOR 3   |
|---|--|
|   | Signature: William Scott Zemitis Date: 4-29-22   |
| × | Witnessed by: Date: 4/29/23 Signature  |
| 8 | Tennisou Balley IT Printed Name of Witness   |
| ¥ | Witnessed by: Date: 6/29/22  |
| × | Ginelle Barn-<br>Printed Name of Witness   |
|   | SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY  Date:  |
|   | William Scott Zemitis  |
|   | STATE OF   |
|   | COUNTY OF  |
|   | This day of, 2022 before me personally came the above-named William Scott Zemitis, 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)   |

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| INVENTOR 4                       |  |
|----------------------------------|--|
| Signature: Dustin James Hall     | Date: <u>7/11/22</u>   |
| Witnessed by:Signature           | Date:  |
| Printed Name of Witness          |  |
| Witnessed by:Signature           | Date:  |
| SECTION BELOW IS FOR US          | SE ONLY IF SIGNING IN PRESENCE OF A NOTARY  Date:  |
| Dustin James Hall                |  |
| STATE OF COUNTY OF               | SS.  |
| James Hall, to me personally kno | , 2022 before me personally came the above-named Dustin<br>own as the individual who executed the foregoing assignment, who<br>executed the same of his/her own free will for the purposes therein |
| Seal                             | (Notary Public)  |

| INVENTOR 5                                |   |
|---|---|
| Signature: Derek Kanoa Tan                | Date: 7/6/2022  |
| Witnessed by:Signature                    | Date:   |
| Printed Name of Witness                   |   |
| Witnessed by:Signature                    | Date:   |
| SECTION BELOW IS FOR USE  Derek Kanoa Tan | ONLY IF SIGNING IN PRESENCE OF A NOTARY  Date:  |
|   |   |
| STATE OF COUNTY OF                        | SS.   |
| Kanoa Tan, to me personally know          | , 2022 before me personally came the above-named Derek as the individual who executed the foregoing assignment, who ecuted the same of his/her own free will for the purposes therein |
| Seal                                      | (Notary Public)   |

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PATENT REEL: 060469 FRAME: 0554