# 504320521 04/13/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4367203

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NICHOLAS JOSEPH KRAY	03/30/2017
THOMAS CHADWICK WALDMAN	04/06/2017
MANOJ KUMAR JAIN	04/13/2017
MOJIBUR RAHMAN	04/06/2017
NITESH JAIN	04/13/2017
NAGAMOHAN GOVINAHALLI PRABHAKAR	04/13/2017
SCOTT ROGER FINN	04/07/2017
APOSTOLOS PAVLOS KARAFILLIS	04/06/2017

## **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:	15486789

## **CORRESPONDENCE DATA**

**Fax Number:** (314)612-2307

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:** 3146215070

**Email:** uspatents@armstrongteasdale.com

Correspondent Name: PATENT DOCKET DEPARTMENT ARMSTRONG TEASDALE

Address Line 1: 7700 FORSYTH BOULEVARD

Address Line 2: SUITE 1800

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	316386
NAME OF SUBMITTER:	WILLIAM J. ZYCHLEWICZ
SIGNATURE:	/William J. Zychlewicz/

504320521 PATENT REEL: 042001 FRAME: 0585

DATE SIGNED:	04/13/2017
Total Attachments: 10	
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PATENT REEL: 042001 FRAME: 0586

#### 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:

# TAPERED COMPOSITE BACKSHEET FOR USE IN A TURBINE ENGINE CONTAINMENT **ASSEMBLY**

$\boxtimes$	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 insert above the application number and filing date of the application when ki	

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 First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence Country
Nicholas	Joseph	Kray	of	Mason, OH	US
Thomas	Chadwick	Waldman	of	Boston, MA	US
Manoj	Kumar	Jain	of	Bangalore, Karnataka	IN
Mojibur		Rahman	of	Mason, OH	US
Nitesh		Jain	of	Bangalore, Karnataka	IN
Nagamohan	Govinahalli	Prabhakar	of	Bangalore, Karnataka	IN

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Scott	Roger	Finn	of	Montgomery, OH	US
Apostolos	Pavlos	Karafillis	of	Winchester, MA	US

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.

v.9.18.12 2

PATENT REEL: 042001 FRAME: 0588

INVENTOR 1	
Signature: Nicholas Joseph Kray	Date:33
Witnessed by: Signature	Date: 3/30/17
Max Bulla / Printed Name of Witness	
Witnessed by: <u>C ン ン りゅん</u> Signature	Date: 3/30/17
ANNA L. 60LDSHOLL Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING	IN PRESENCE OF A NOTARY
Data	
Nicholas Joseph Kray	
STATE OF	
COUNTY OF	
This day of, bef Nicholas Joseph Kray, to me personally known as assignment, who acknowledged to me that he/she ex the purposes therein set forth.	
Seal Seal	
	(Notani Public)

INVENTOR 2	
Signature: 2/1/1/2/2 Thomas Chadwick Waldman	Date: 4/6/17
Witnessed by: Signature	
Printed Name of Witness	
Witnessed by:  Signature  SAMAIR ALYASSINI	Date: 4/C//7-
Printed Name of Witness  SECTION BELOW IS FOR USE ONLY IF S	SIGNING IN PRESENCE OF A NOTARY
Thomas Chadwick Waldman	Date:
momas vinamich evaluitait	
STATE OF	
COUNTY OF	
This day of,,,,,,,,,,,,,,,,,,,,,,,	before me personally came the above-named phally known as the individual who executed the me that he/she executed the same of his/her own
Seal	

GE Docket No.: 316386	
INVENTOR 3	
Signature:	Date: <u>18 - Apr — 201</u> 7
Witnessed by: Signature	Date: <u>13-Apr - 201</u> 7
Printed Name of Witness	
Witnessed by Signature	Date: <u>13-13-07-17</u>
Robert Tilogri Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING	
P) refer	
Manoj Kumar Jain	***************************************
STATE OF	
county of	
This day of be	fore me personally came the above-named he individual who executed the foregoing recuted the same of his/her own free will for

Seal

the purposes therein, set forth.

(Notary Public)

GE Docket No.: 316386	
INVENTOR 4	
Signature: Mojibur Rahmus. Mojibur Rahman	Date: 4/6/17-
Witnessed by: Signature	Date: 4/6/22/7
Weize Fang Printed Name of Witness Witnessed by: Signature	Date: 4/6/2017
DENIEL KITALOFE Printed Name of Witness  SECTION BELOW IS FOR USE ONLY IF SIG	SNING IN PRESENCE OF A NOTARY
	Date:
Mojibur Rahman	
STATE OF ss.	
Mojibur Rahman, to me personally known	before me personally came the above-named as the individual who executed the foregoing the executed the same of his/her own free will for
Seal	
<del></del>	(Notary Public)

REEL: 042001 FRAME: 0592

INVENTOR 5	
Signature	
Witnessed by:	Date: <u>(3 - April ~ 17</u>
Printed Name of Witness	
Witnessed by: <u>@Aedav</u> Signature	
Abbited Yadav Printed Name of Witness	
SECTION BELOW IS FOR USE O	DNLY IF SIGNING IN PRESENCE OF A NOTARY
	Date:
Nitesh Jain	
STATE OF	
COUNTY OF	98.
Nitesh Jain, to me personally know	before me personally came the above-namer in as the individual who executed the foregoing assignment a executed the same of his/her own free will for the purposes
Seal	
	(Notary Public)

GE Dockst No.: 316386

GE Docket No.: 316386	
INVENTOR 6	
Signature:	Date: <u>/3 /2≽-207</u> 7
Witnessed by	Date: <u>13 April - 17</u>
Printed Name of Witness	
Witnessed by: Oldschafter Signature	Date: <u>13 - Apr = 17</u>
Abhyrest Yodax Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
Nagamohan Govinahalli Prabhakar	Date:
STATE OF ss COUNTY OF	
This day of Nagamohan Govinahalli Prabhakar, to me perforegoing assignment, who acknowledged to refree will for the purposes therein set forth.	before me personally came the above-named ersonally known as the individual who executed the ne that he/she executed the same of his/her own
Seal	
	(Notary Public)

v.9.16.12

PATENT REEL: 042001 FRAME: 0594

INVENTOR 7	
Signature: Scott Roger Finn	Date: <u>Apr./ 7, 2017</u>
Witnessed by: MMM/M/W/X/ Signature	Date: <u>April 7, 2017</u>
<u>DAVID W. PARRY</u> Printed Name of Witness	
Witnessed by: # 3/2 - Signature	Date: <u>April 7, 2017</u>
Benjanin Hoi Zega Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNIN	G IN PRESENCE OF A NOTARY
Pate	
Scott Roger Finn	***************************************
STATE OF	
COUNTY OF .	
This day of, be Scott Roger Finn, to me personally known as t assignment, who acknowledged to me that he/she exthe purposes therein set forth.	
Seal	
	(Notary Public)

GE Docket No.: 316386

PATENT **REEL: 042001 FRAME: 0595** 

GE Docket No.: 316386	
INVENTOR 8	
Signature: M. L. Pala Kafilan Apostolos Pavlos Karafillis	Date: <u>APPIL 6, 2017</u>
Witnessed by: Signature	Date: 16 67
Tonethan Herner Printed Name of Witness	
Witnessed by: John Police Signature  JOHN POUEENEY JR  Printed Name of Witness	Date: <u>APRIL 6, 2017</u>
SECTION BELOW IS FOR USE ONLY IF SIGNING	IN PRESENCE OF A NOTARY
Apostolos Pavlos Karafillis  Date:	
STATE OF	
COUNTY OF ss.	
This day of, before a personally known foregoing assignment, who acknowledged to me that free will for the purposes therein set forth.	While the individual who ever the the

RECORDED: 04/13/2017

Seal

**PATENT REEL: 042001 FRAME: 0596** 

(Notary Public)