

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5088259

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WENDY WENLING LIN	08/06/2018
SHANMUGAM MURUGAPPAN	08/02/2018
ROBERT WILLIAM DAVIDOFF	08/06/2018
GRAHAM FRANK HOWARTH	08/07/2018
ANDREW MICHAEL ROACH	08/07/2018
<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>
Application Number:	16058171
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)840-6495
<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>	513-243-5955
<b>Email:</b>	gpo.mail@ge.com
<b>Correspondent Name:</b>	GENERAL ELECTRIC COMPANY GE AVIATION PAT
<b>Address Line 1:</b>	1 NEUMANN WAY
<b>Address Line 2:</b>	MAIL DROP F16
<b>Address Line 4:</b>	CINCINNATI, OHIO 45215
<b>ATTORNEY DOCKET NUMBER:</b>	325415-1/GE3D-154
<b>NAME OF SUBMITTER:</b>	CHARLES M. SHONKWILER
<b>SIGNATURE:</b>	/charles m. shonkwiler 64,868/
<b>DATE SIGNED:</b>	08/08/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 7**

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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:

**ACOUSTIC CORES WITH SOUND-ATTENUATING PROTUBERANCES**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
16/058,171 filed on 08/08/2018, 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, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Wendy	Wenling	Lin	of	Montgomery	Ohio	USA
Shanmugam		Murugappan	of	Mason	Ohio	USA
Robert	William	Davidoff	of	Pittsburgh	Pennsylvania	USA
Graham	Frank	Howarth	of	Middletown	Delaware	USA
Andrew	Michael	Roach	of	Aberdeen	Maryland	USA

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: Wendy Wenling Lin Date: Aug. 6, 2018  
Wendy Wenling Lin

Witnessed by: Alexander J. Vallee Date: Aug. 6, 2018  
Signature

Alexander J. Vallee  
Printed Name of Witness

Witnessed by: Simon Cople Date: AUG 6, 2018  
Signature

SIMON COPPLE  
Printed Name of Witness

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

\_\_\_\_\_  
Wendy Wenling Lin Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Wendy Wenling Lin, 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:   
Shanmugam Murugappan

Date: 8/2/18

Witnessed by:   
Signature  
Treva Gochig  
Printed Name of Witness

Date: 02 Aug 2018

Witnessed by:   
Signature  
Timothy DePuy  
Printed Name of Witness

Date: 8/2/18

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

\_\_\_\_\_  
Shanmugam Murugappan

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Shanmugam Murugappan, 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: Robert William Davidoff  
Robert William Davidoff

Date: 8/6/2018

Witnessed by: Jay Lang  
Signature

Date: 8-6-2018

Jay Lang  
Printed Name of Witness

Witnessed by: Douglas A. Robinson  
Signature

Date: 8-6-2018

DOUGLAS A ROBINSON  
Printed Name of Witness

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

\_\_\_\_\_  
Robert William Davidoff

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Robert William Davidoff, 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: Graham Frank Howarth Date: 08/07/18  
Graham Frank Howarth

Witnessed by: [Signature] Date: 8-7-18  
Signature

DAVID P. CAIDER  
Printed Name of Witness

Witnessed by: [Signature] Date: 8/7/18  
Signature

LEROY E. WARNER  
Printed Name of Witness

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

\_\_\_\_\_  
Graham Frank Howarth Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Graham Frank Howarth, 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: Andrew Michael Roach  
Andrew Michael Roach

Date: 8/7/18

Witnessed by: David P. Calder  
Signature

Date: 8-7-18

DAVID P. CALDER  
Printed Name of Witness

Witnessed by: Bernadette Goncz  
Signature

Date: 8/7/2018

Bernadette Goncz  
Printed Name of Witness

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

\_\_\_\_\_  
Andrew Michael Roach Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Andrew Michael Roach, 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)