

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5407819

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES RYAN REEPMAYER	02/27/2019
JOHAN MICHAEL REIMANN	02/25/2019
GAGAN ADIBHATLA	03/04/2019
EVIN NATHANIEL BARBER	02/26/2019
STEFAN JOSEPH CAFARO	02/27/2019
RAHIM PANJWANI	02/28/2019
FREDERICK JOHN MENDITTO III	03/01/2019
AARON JAMES SCHMITZ	02/26/2019
SUCHOT KONGSOMBOONVECH	02/28/2019
RICHARD ANTHONY ZELINSKI	02/26/2019
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:	16294358
CORRESPONDENCE DATA	
Fax Number:	(864)233-7342
<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>	
Phone:	864-271-1592
Email:	usdocketing@dority-manning.com,tsomers@dority-manning.com
Correspondent Name:	DORITY & MANNING, P.A. AND GEC-AVIATION
Address Line 1:	POST OFFICE BOX 1449
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602-1449
ATTORNEY DOCKET NUMBER:	326947-US-1/GECV-883

NAME OF SUBMITTER:	J. SCOTT MARTIN
SIGNATURE:	/j. scott martin 72,850/
DATE SIGNED:	03/06/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

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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:

**APPLICATION OF MACHINE LEARNING TO PROCESS HIGH-FREQUENCY
SENSOR SIGNALS OF A TURBINE ENGINE**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number
16/294,358 filed on March 6, 2019, 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
James	Ryan	Reepmeyer	of	Cincinnati	Ohio	USA
Johan	Michael	Reimann	of	Ballston Spa	New York	USA
Gagan		Adibhatla	of	Cincinnati	Ohio	USA
Evin	Nathaniel	Barber	of	Cincinnati	Ohio	USA
Stefan	Joseph	Cafaro	of	Maineville	Ohio	USA
Rahim		Panjwani	of	Cincinnati	Ohio	USA

Frederick	John	Menditto, III	of	Maineville	Ohio	USA
Aaron	James	Schmitz	of	Cincinnati	Ohio	USA
Suchot		Kongsomboonvech	of	Mason	Ohio	USA
Richard	Anthony	Zelinski	of	Cincinnati	Ohio	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: 
James Ryan Reepmeyer

Date: 2/27/2019

Witnessed by: 
Signature

Date: 2/27/2019

RYAN SIMPSON
Printed Name of Witness

Witnessed by: 
Signature

Date: 2/27/2019

Eric Wright
Printed Name of Witness

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

James Ryan Reepmeyer

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named James Ryan Reepmeyer, 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: _____

Johan Michael Reimann

Date: _____

02/25/19

Witnessed by: _____

Nurali Virani

Signature

Date: _____

02/25/19

NURALI VIRANI

Printed Name of Witness

Witnessed by: _____

Zhaoyuan Yang

Signature

Date: _____

02/25/19

Zhaoyuan Yang

Printed Name of Witness

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

Johan Michael Reimann

Date: _____

STATE OF _____

COUNTY OF _____

ss. _____

This _____ day of _____, _____ before me personally came the abovesigned Johan Michael Reimann, 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)

PATENT

REEL: 048520 FRAME: 0285

INVENTOR 3

Signature: *Gagan Adibhatla*
Gagan Adibhatla

Date: Mar/04/2019 _____

Witnessed by: *Russel L. Ruhl*
Signature

Date: Mar/04/2019 _____

Russel L. Ruhl
Printed Name of Witness

Witnessed by: *Nathan L. Sims*
Signature

Date: Mar/04/2019 _____

Nathan L. Sims
Printed Name of Witness

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

Gagan Adibhatla Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Gagan Adibhatla, 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: Evin Nathaniel Barber
Evin Nathaniel Barber

Date: 2/26/2019

Witnessed by: Nicholas J. Marik
Signature

Date: 2-26-19

Nicholas J. Marik
Printed Name of Witness

Witnessed by: Christopher A. Higgins
Signature

Date: 2-26-19

Christopher A. Higgins
Printed Name of Witness

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

Evin Nathaniel Barber Date: _____

STATE OF

ss.


COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Evin Nathaniel Barber, 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: 
Stefan Joseph Cafaro

Date: 02/27/2019

Witnessed by: 
Signature

Date: 02/27/2019

Kevin Davis
Printed Name of Witness

Witnessed by: 
Signature

Date: 2/27/2019

Eric Wright
Printed Name of Witness

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

Stefan Joseph Cafaro

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Stefan Joseph Cafaro, 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: 
Rahim Panjwani

Date: 02/28/19

Witnessed by: 
Signature

Date: 2/28/2019

PAUL C. SENKUNG
Printed Name of Witness

Witnessed by: 
Signature

Date: 2/28/19

Raymond F Martell
Printed Name of Witness

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

Rahim Panjwani

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Rahim Panjwani, 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: _____

Frederick John Menditto, III

Date: _____

3/1/19

Witnessed by: _____

Signature

Date: _____

3/1/19

Walter Devin Debratt
Printed Name of Witness

Witnessed by: _____

Signature

Date: _____

03/01/19

Reagan Amofah Esson
Printed Name of Witness

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

Frederick John Menditto, III

Date: _____

STATE OF _____

ss. _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Frederick John Menditto, III**, 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 8

Signature: 
Aaron James Schmitz

Date: 2/26/2019

Witnessed by: 
Signature

Date: 2019-Feb-26

David T. Nasse
Printed Name of Witness

Witnessed by: 
Signature

Date: 2/26/2019

Christopher Strang
Printed Name of Witness

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

Aaron James Schmitz

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Aaron James Schmitz, 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 9

Signature:  Date: 2/28/19
Suchot Kongsomboonvech

Witnessed by:  Date: 2/28/19
Signature

Charles Welsh
Printed Name of Witness

Witnessed by:  Date: 2/28/19
Signature

Tolene Grethel
Printed Name of Witness

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

Suchot Kongsomboonvech Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Suchot Kongsomboonvech, 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 10

Signature: Richard Anthony Zelinski
Richard Anthony Zelinski

Date: 2/26/2019

Witnessed by: Laura Macht
Signature

Date: 2/26/2019

LAURA MACHT
Printed Name of Witness

Witnessed by: Isabella Palacio
Signature

Date: 2/26/2019

Isabella Palacio
Printed Name of Witness

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

Richard Anthony Zelinski

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Richard Anthony Zelinski, 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)