507394137 07/20/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW TROY HAFNER	07/12/2022
JOHN M. MATTHEWS	07/11/2022
ZACHARY JOHN SNIDER	07/14/2022

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:	17868911

CORRESPONDENCE DATA

Fax Number: (864)233-7342

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: 8642711592

Email: usdocketing@dority-manning.com, aschaible@dority-manning.com
Correspondent Name: DORITY & MANNING, PA AND GENERAL ELECTRIC COMPANY

Address Line 1: POST OFFICE BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602

ATTORNEY DOCKET NUMBER:	604728-US-1/GEC-1594
NAME OF SUBMITTER:	AMY A. SCHAIBLE
SIGNATURE:	/Amy A. Schaible/
DATE SIGNED:	07/20/2022

Total Attachments: 5

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PATENT 507394137 REEL: 060561 FRAME: 0646

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PATENT REEL: 060561 FRAME: 0647

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:

the specification of which is attached hereto OR United States application or PCT international application number 17/868,911 filed on July 20, 2022, 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
Matthew	Troy	Hafner	of	Honea Path	South Carolina	USA
John	M.	Matthews	of	Greer	South Carolina	USA
Zachary	John	Snider	of	Simpsonville	South Carolina	USA

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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: Matthew Troy Hafner	Date: 7/12/22
Witnessed by: Carter Rox Signature	Date: 7/12/22
Printed Name of Witness	_
Witnessed by: Signature	Date: 7/12/22
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	ONING IN PRESENCE OF A NOTARY
	Date:
Matthew Troy Hafner	
STATE OF ss.	
COUNTY OF	
imatthew froy namer , to me personally know	before me personally came the above-named in as the individual who executed the foregoing the executed the same of his/her own free will for
Seal	
	 (Notary Public)

INVENTOR 2	
Signature: John M. Matthews	Date:
Witnessed by: Signature	Date: 7/11/22
Printed Name of Witness	
Witnessed by: Signature	Date: 7/11/2022
Brad VanTasse/ Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF	
John M. Matthews	Date:
STATE OF ss.	
John M. Matthews, to me personally kno	before me personally came the above-named wn as the individual who executed the foregoing e/she executed the same of his/her own free will for
Seal	
	(Notary Public)

INVENTOR 3	
Signature: Zachary John Snider	Date: 07/14/2022
Witnessed by: Signature	Date:
Printed Name of Witness	
Witnessed by: Signature	Date:
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
100	Date:
Zachary John Snider	
STATE OF ss. COUNTY OF	
<u>cachary John Smoer</u> , to me personally know	before me personally came the above-named wn as the individual who executed the foregoing she executed the same of his/her own free will for
Seal	

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PATENT REEL: 060561 FRAME: 0652

(Notary Public)