PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5542562

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| DUSTIN HOWARD | 05/22/2019 |
| EINAR VAUGHN LARSEN | 05/21/2019 |
| IGOR BERROTERAN | 05/21/2019 |
| REZA KAZEMI | 05/22/2019 |

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: | 16423646 |

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: 864-271-1592

Email: usdocketing@dority-manning.com,tsomers@dority-manning.com

Correspondent Name: DORITY & MANNING, PA AND GENERAL ELECTRI

Address Line 1: POST OFFICE BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602

| ATTORNEY DOCKET NUMBER: | 506896-US-1/GECW-878 | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | MAEGEN W. STOKES | |
| SIGNATURE: | /maegen w. stokes 67,106/ | |
| DATE SIGNED: | 05/28/2019 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 6

source=506896-US-1_True_and_Accurate_Copy_Dec_Assignment_GECW878_28MAY2019#page1.tif

PATENT REEL: 049293 FRAME: 0735 source=506896-US-1_True_and_Accurate_Copy_Dec_Assignment_GECW878_28MAY2019#page2.tif source=506896-US-1_True_and_Accurate_Copy_Dec_Assignment_GECW878_28MAY2019#page3.tif source=506896-US-1_True_and_Accurate_Copy_Dec_Assignment_GECW878_28MAY2019#page4.tif source=506896-US-1_True_and_Accurate_Copy_Dec_Assignment_GECW878_28MAY2019#page5.tif source=506896-US-1_True_and_Accurate_Copy_Dec_Assignment_GECW878_28MAY2019#page6.tif

PATENT REEL: 049293 FRAME: 0736

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:

DUAL-FREQUENCY FILTER FOR DISTINGUISHING BETWEEN DIFFERENT TYPES OF GRID EVENTS

| | the specification of | of which is attached hereto OF | |
|---|--|---|--|
| Χ | United States app | olication or PCT international a | application number |
| | 16/423,646 | filed on May 28,2019 | as |
| | amended on [date (We hereby authority) | e] (if applicable). ize and request the Company or | r its delegated attorneys or agents to |
| | insert above the ap | plication number and filing date of | 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 |
|------------------------|----------------------------|-----------------------|----|-------------------|--------------------|----------------------|
| Dustin | | Howard | of | Atlanta | Georgia | USA |
| Einar | Vaughn | Larsen | of | Ballston Lake | New York | USA |
| laor | | Berroteran | of | Salem | Virginia | USA |
| Reza | | Kazemi | of | Little Rock | Arkansas | 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: | Date: |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | *** |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | |
| SECTION BELOW IŞ FOR USE ONLY IF SI | GNING IN PRESENCE OF A NOTARY |
| Dystin Howard | Date: 5/22/19 |
| Dystin Howard STATE OF GENGLA COUNTY OF Delalb | |
| Dustin Howard to me personally known as the | before me personally came the above-named individual who executed the foregoing assignment the same of his/her own free will for the purposes |
| Seal Spar Warrel | JODY WALKER NOTARY PUBLIC (Notakyn Parbliohiy State of Georgia My Comm. Expires June 23, 2022 |

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| INVENTOR 2 | |
|--------------------------------------|--|
| Signature: Einar Vaughn Larsei | Date: |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | ONLY IF SIGNING IN PRESENCE OF A NOTARY |
| | Date: 5/24/19 |
| Einar Vaughn Larsen | * / |
| STATE OF New York COUNTY OF Saratoga | SS. |
| Singe Vaugha Largen to me ners | 2019 before me personally came the above-name sonally known as the individual who executed the foregoing me that he/she executed the same of his/her own free will for |
| Seal Stenda L1 | Notary Public) |

BRENDA L. MILLS
Notary Public, State of New York
No. 01MI6216258
Qualified in Saratoga County
Commission Expires January 11, 2022

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| INVENTOR 3 | |
|--|--|
| Signature: Igor Berroteran | Date: May 21, 2019 |
| Witnessed by: Talka Hagra Signature | Date: <u>May 21, 2019</u> |
| TACHA HAQUE | |
| Printed Name of Witness | |
| Witnessed by: <u>Awidaila</u> Signature | Date: May 21,2019 |
| David Smith | |
| Printed Name of Witness | |
| SECTION BELOW IS FOR USE ONLY IF SIG | NING IN PRESENCE OF A NOTARY |
| | THE STREET OF A ROTAL |
| | Date: |
| lgor Berroteran | |
| STATE OF | |
| COUNTY OF | |
| This day of, to me personally known as the in the acknowledged to me that he/she executed therein set forth. | _ before me personally came the above-named ndividual who executed the foregoing assignment the same of his/her own free will for the purposes |
| Seal | |
| - | (Notary Public) |

INVENTOR 4 Date: Date Witnessed by: Signature Printed Name of Witness Date: Witnessed by: Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: 5/22/2019 Reza Kazemi/ STATE OF AWANSAS COUNTY OF PUKASKI This 27 day of MQ, 70M before me personally came the above-named Reza Kazemi, 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) ALLISON DAVIDSON

SALINE COUNTY

NOTARY PUBLIC - ARKANSAS My Commission Expires July 25, 2028 Commission # 12705011

> **PATENT** REEL: 049293 FRAME: 0742

GE Docket No. 506896-US-1/GECW-878