506362072 11/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6408828

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| BALAKRISHNA PAMULAPARTHY | 11/11/2020 |
| ALI SHAHID | 11/17/2020 |
| SUMITHA MOHAN | 11/11/2020 |
| RAJAGOPAL KOMMU | 11/13/2020 |
| RAJU GURRAPU | 11/13/2020 |
| SERGIO DOMINGUEZ RUIZ | 11/16/2020 |

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: | 16951998 | | |

CORRESPONDENCE DATA

Fax Number:

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: 404-853-8000

Email: patentdocket@eversheds-sutherland.com

Correspondent Name: EVERSHEDS SUTHERLAND GE SUITE 2300

Address Line 1: 999 PEACHTREE STREET
Address Line 4: ATLANTA, GEORGIA 30309

| ATTORNEY DOCKET NUMBER: | 19441-1782 (508794) |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | LAYONDA PRUE |
| SIGNATURE: | /LaYonda P. Prue/ |
| DATE SIGNED: | 11/18/2020 |

Total Attachments: 8

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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:

SYSTEMS AND METHODS FOR MONITORING AND DIAGNOSING POWER SYSTEM ASSETS

| | the specification of which is attached hereto OR |
|---|---|
| X | United States application or PCT international application number _16/951,998 filed on _November 18, 2020, 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 |
|------------------------|----------------------------|--------------------|----|-------------------|--------------------|----------------------|
| Balakrishna | | PAMULAPARTHY | of | Hyderabad | | IN |
| Ali | | SHAHID | of | Bengaluru | | IN |
| Sumitha | | MOHAN | of | Bengaluru | | IN |

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| Rajagopal | KOMMU | of | Hyderabad | IN |
|-----------|----------------|----|-----------|----|
| Raju | GURRAPU | of | Telangana | IN |
| Sergio | DOMINGUEZ RUIZ | of | Madrid | ES |

hereby sell and assign to:

| Name of Company: General Electric Company |
|--|
| Entity Type (optional): |
| Address: 1 River Road, Schenectady, NY 12345 |

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.

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INVENTOR 1

| Signature: Balakrishna PAMULAPARTHY | Date: <u>11-NOVEMBER-2020</u> |
|---------------------------------------|--|
| Witnessed by:Signature | Date: |
| Printed Name of Witness | <u> </u> |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | _ |
| SECTION BELOW IS FOR USE ONLY IF SIGI | NING IN PRESENCE OF A NOTARY Date: |
| STATE OF NEW YORK | |
| COUNTY OFss. | |
| Balakrishna PAMULAPARTHY, to me perso | before me personally came the above-named bnally known as the individual who executed the ethat he/she executed the same of his/her own free |
| Seal | |
| (Notary Public) | |

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PATENT REEL: 054412 FRAME: 0786

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GE Docket No. 508794 Atty. Docket No. 19441-1782

| INVENTOR 2 | |
|---------------------------------------|--|
| Signature: Ali SHAHID | Date: |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | <u> </u> |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | _ |
| SECTION BELOW IS FOR USE ONLY IF SIGI | NING IN PRESENCE OF A NOTARY |
| | Date: |
| Ali SHAHID | |
| STATE OF GEORGIA | |
| COUNTY OFss. | |
| | before me personally came the above-named dividual who executed the foregoing assignment, the same of his/her own free will for the purposes |
| Seal | |
| (Notary Public) | |

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INVENTOR 4

Sumitha MOHAN

STATE OF NEW YORK

COUNTY OF _____

Signature:

Sumitha MOHAN

Date: 11-NOVEMBER 2020

Witnessed by: Signature

RAJESH GANAPATHY
Printed Name of Witness

Date: 11-NOVEMBER 2020

Date: 11-NOVEMBER 2020

Signature

GEETHA GANAPATHY
Printed Name of Witness

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

Sumitha MOHAN, 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

This _____ day of _____, ____ before me personally came the above-named

Date:

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SS.

NVENTOR 5

| Signature: Rajagopal KOMMU | Date: <u>13-Nov-2020</u> |
|---|---|
| Witnessed by:Signature | Date: |
| Printed Name of Witness | _ |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | |
| SECTION BELOW IS FOR USE ONLY IF SIGN | |
| Rajagopal KOMMU | Date: |
| STATE OF NEW YORK COUNTY OFss. | |
| Rajagopal KOMMU, to me personally known | before me personally came the above-named as the individual who executed the foregoing she executed the same of his/her own free will for |
| Seal | |
| (Notary Public) | |

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PATENT REEL: 054412 FRAME: 0789

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INVENTOR 6

| Signature: | |
|---------------------------------------|---|
| Signature:Raju GURRAPU | Date: 13.11.2020 |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | _ |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | |
| SECTION BELOW IS FOR USE ONLY IF SIGN | IING IN PRESENCE OF A NOTARY |
| Dein CURRARII | Date: |
| Raju GURRAPU | |
| STATE OF NEW YORK COUNTY OF | |
| | 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 | |
| (Notary Public) | |

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PATENT REEL: 054412 FRAME: 0790

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GE Docket No. 508794 Atty. Docket No. 19441-1782

| INVENTOR 7 | |
|--|--|
| Signature: Sergio DOMINGUEZ RUIZ | Date: <u>\(\begin{align*} \lambda </u> |
| Witnessed by: AAGA AGO PA | выς Date: <u>16/11/20</u> |
| ANGEUR PUETO LABOS | |
| Printed Name of Witness | |
| Witnessed by: | Date: <u>46/11/20</u> |
| "Signature | |
| Luce Sokorovska | |
| Printed Name of Witness | |
| SECTION BELOW IS FOR USE ONLY IF SI | |
| Sergio DOMINGUEZ RUIZ | Date: |
| a. 3. a. | |
| STATE OF NEW YORK | |
| COUNTY OF | |
| *************************************** | |
| named Sergio DOMINGUEZ RUIZ, to me pe | before me personally came the above- ersonally known as the individual who executed I to me that he/she executed the same of his/her th. |
| | |
| Seal | |

PATENT REEL: 054412 FRAME: 0791

RECORDED: 11/18/2020