

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|--------------------------|---------------|--------------------------|---------------------|--------------|--------------|-------------|----------------|------------|--------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dong Soo Shin</td> <td>11/02/2012</td> </tr> <tr> <td>Dong Hun Lee</td> <td>10/31/2012</td> </tr> <tr> <td>Young Han Choi</td> <td>10/31/2012</td> </tr> <tr> <td>Jae Seok Noh</td> <td>10/31/2012</td> </tr> <tr> <td>Eun Yeong An</td> <td>10/31/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Dong Soo Shin | 11/02/2012 | Dong Hun Lee | 10/31/2012 | Young Han Choi | 10/31/2012 | Jae Seok Noh | 10/31/2012 | Eun Yeong An | 10/31/2012 |
| Name | Execution Date | | | | | | | | | | | | |
| Dong Soo Shin | 11/02/2012 | | | | | | | | | | | | |
| Dong Hun Lee | 10/31/2012 | | | | | | | | | | | | |
| Young Han Choi | 10/31/2012 | | | | | | | | | | | | |
| Jae Seok Noh | 10/31/2012 | | | | | | | | | | | | |
| Eun Yeong An | 10/31/2012 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>General Electric Company</td> </tr> <tr> <td>Street Address:</td> <td>1 River Road</td> </tr> <tr> <td>City:</td> <td>Schenectady</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>12345</td> </tr> </table> | | Name: | General Electric Company | Street Address: | 1 River Road | City: | Schenectady | State/Country: | NEW YORK | Postal Code: | 12345 | | |
| Name: | General Electric Company | | | | | | | | | | | | |
| Street Address: | 1 River Road | | | | | | | | | | | | |
| City: | Schenectady | | | | | | | | | | | | |
| State/Country: | NEW YORK | | | | | | | | | | | | |
| Postal Code: | 12345 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13772392</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13772392 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13772392 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: 8642337342 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (864)271-1592 Email: docketing@dority-manning.com Correspondent Name: Dority & Manning, P.A. Address Line 1: P.O. Box 1449 Address Line 4: Greenville, SOUTH CAROLINA 29602</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 250538/GECA-243 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | J. Parks Workman | | | | | | | | | | | | |
| Total Attachments: 8 | | | | | | | | | | | | | |

OP \$40.00 13772392

source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page1.tif
source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page2.tif
source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page3.tif
source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page4.tif
source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page5.tif
source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page6.tif
source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page7.tif
source=250538_GECA243_US_True_and_Accurate_Copy_of_Combined_Declaration_and_Assignment#page8.tif

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:

ELECTRIC POWER CONSUMPTION MEASURING MECHANISM

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number
13/772,392 filed on February 21, 2013, 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 |
|------------------------|----------------------------|--------------------------|----|-------------------|--------------------|----------------------|
| Sung Dong | | Yang | of | Seongnam City | | Republic of Korea |
| Dong Soo | | Shin | of | Seoul | | Republic of Korea |
| Dong Hun | | Lee | of | Gunpo-si | | Republic of Korea |
| Young Han | | Choi | of | Seoul | | Republic of Korea |
| Jae Seok | | Noh | of | Seoul | | Republic of Korea |
| Eun Yeong | | An | of | Seoul | | Republic of Korea |

v9.18.12

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: _____
Sung Dong Yang

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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

Sung Dong Yang Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Sung Dong Yang**, 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: Dong Soo Shin
Dong Soo Shin

Date: 11/2/2012

Witnessed by: H. E.
Signature

Date: 11/2/2012

Kyung Jun Ahn
Printed Name of Witness

Witnessed by: L. G. W.
Signature

Date: 11/2/2012

Sung Ho Kim
Printed Name of Witness

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

Dong Soo Shin

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Dong Soo Shin**, 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

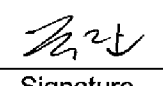
(Notary Public)

INVENTOR 3

Signature: 

Dong Hun Lee

Date: Oct. 31st. 2012

Witnessed by: 

Signature

Date: Oct. 31st 2012

Kook Jin Yoon

Printed Name of Witness

Witnessed by: 

Signature

Date: Oct. 31st. 2012

Kyung Jun Ahn

Printed Name of Witness

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

Dong Hun Lee

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Dong Hun Lee**, 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: CHC
Young Han Choi

Date: Oct. 31. 2012

Witnessed by: MR
Signature

Date: Oct. 31. 2012

Kook Jin Yoon
Printed Name of Witness

Witnessed by: JK
Signature

Date: Oct. 31. 2012

Kyung Jun Ahn
Printed Name of Witness

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

Young Han Choi

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Young Han Choi**, 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: 
Jae Seok Noh

Date: 31st Oct. 2012

Witnessed by: 
Signature

Date: Oct. 31st. 2012

Kook Jin Yoon
Printed Name of Witness

Witnessed by: 
Signature

Date: Oct. 31st. 2012

Kyung Jun Ahn
Printed Name of Witness

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

Jae Seok Noh Date: _____

STATE OF

ss.


COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Jae Seok Noh**, 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: 
Eun Yeong An

Date: 31th, OCT, 2012

Witnessed by: 
Signature

Date: Oct. 31st. 2012

Kook Jin Yoon
Printed Name of Witness

Witnessed by: 
Signature

Date: Oct. 31st. 2012

Kyung Jun Ahn
Printed Name of Witness

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

Eun Yeong An Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Eun Yeong An**, 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)