

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>Todd William Goodermuth</td> <td>04/29/2013</td> </tr> <tr> <td>Wolfgang Daum</td> <td>04/29/2013</td> </tr> <tr> <td>Mark Kraeling</td> <td>04/29/2013</td> </tr> <tr> <td>Jared Klineman Cooper</td> <td>04/26/2013</td> </tr> <tr> <td>Ning Zhang</td> <td>04/30/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Todd William Goodermuth | 04/29/2013 | Wolfgang Daum | 04/29/2013 | Mark Kraeling | 04/29/2013 | Jared Klineman Cooper | 04/26/2013 | Ning Zhang | 04/30/2013 |
| Name | Execution Date | | | | | | | | | | | | |
| Todd William Goodermuth | 04/29/2013 | | | | | | | | | | | | |
| Wolfgang Daum | 04/29/2013 | | | | | | | | | | | | |
| Mark Kraeling | 04/29/2013 | | | | | | | | | | | | |
| Jared Klineman Cooper | 04/26/2013 | | | | | | | | | | | | |
| Ning Zhang | 04/30/2013 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13893135</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13893135 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13893135 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| Fax Number: | 5034594142 | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | |
| Phone: | 203-944-6710 | | | | | | | | | | | | |
| Email: | polance@ahmrt.com | | | | | | | | | | | | |
| Correspondent Name: | GE GPO- Transportation- Alleman Hall McC | | | | | | | | | | | | |
| Address Line 1: | 2 Corporate Drive Suite 648 | | | | | | | | | | | | |
| Address Line 4: | Shelton, CONNECTICUT 06484 | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 242087-2 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Catherine Polance | | | | | | | | | | | | |
| Signature: | /Catherine Polance/ | | | | | | | | | | | | |

CH \$40.00 13893135

| | |
|--|--|
| Date: | 05/13/2013 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| <p>Total Attachments: 7 source=Complete assignent, declaration 242087-2#page1.tif source=Complete assignent, declaration 242087-2#page2.tif source=Complete assignent, declaration 242087-2#page3.tif source=Complete assignent, declaration 242087-2#page4.tif source=Complete assignent, declaration 242087-2#page5.tif source=Complete assignent, declaration 242087-2#page6.tif source=Complete assignent, declaration 242087-2#page7.tif</p> | |

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:

METHOD AND SYSTEM FOR VEHICLE POWER DISTRIBUTION AND MANAGEMENT

- the specification of which is attached hereto OR
- United States application or PCT international application number
13/893,135 filed on May 13, 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 |
|---------------------|----------------------|--------------------|----|----------------|-----------------|-------------------|
| Todd | William | Goodermuth | of | Melbourne | FL | US |
| Wolfgang | | Daum | of | Greenfield | WI | US |
| Mark | | Kraeling | of | Melbourne | FL | US |
| Jared | Klineman | Cooper | of | Palm Bay | FL | US |
| Ning | | Zhang | of | Melbourne | FL | US |

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 |
|-------------------|----------------|--------------------|---------------|--|
| US | Utility | 12/840,345 | July 21, 2010 | METHOD AND SYSTEM FOR RAIL VEHICLE POWER DISTRIBUTION AND MANAGEMENT |
| | | | | |
| | | | | |

(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: _____
Todd William Goodermuth

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

[Handwritten Signature]

Date: 4-29-13

Inventor Name Todd William Goodermuth

STATE OF Florida

ss.

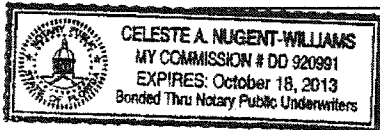
COUNTY OF Brevard

This 29 day of April 2013 before me personally came the above-named Todd William Goodermuth ~~Inventor Name~~, 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

[Handwritten Signature]

(Notary Public)



INVENTOR 2

Signature: Wolfgang Daum
Wolfgang Daum

Date: April 25th. 2013

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

Wolfgang Daum

Date: 4-29-2013

Inventor Name Wolfgang Daum

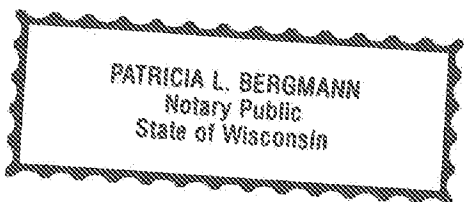
STATE OF Wisconsin
COUNTY OF Waukesha ss.

This 29th day of April, 2013 before me personally came the above-named Wolfgang Daum ~~Inventor Name~~, 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 Patricia L. Bergmann

(Notary Public)

My Commission Expires
November 3, 2013



INVENTOR 3

Signature: _____
Mark Kraeling

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

Mark B. Kraeling

Date: 29-APR-2013

Inventor Name mark Kraeling

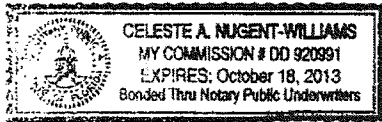
STATE OF Florida
COUNTY OF Brevard ss.

Mark
Kraeling

This 29 day of April 2013 before me personally came the above-named ~~Inventor Name~~, 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

Celeste A. Nugent-Williams
(Notary Public)



INVENTOR 4

Signature: _____
Jared Klineman Cooper

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

Jared K. Cooper _____

Date: 4-26-2013 _____

Inventor Name Jared Klineman Cooper

STATE OF Florida

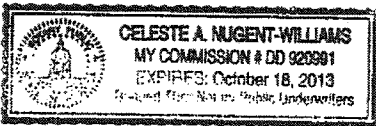
ss.

COUNTY OF Brevard

This 26 day of April, 2013 before me personally came the above-named Jared Klineman Cooper ~~Inventor Name~~, 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

[Signature]
(Notary Public)



Jared
Klineman
Cooper

INVENTOR 5

Signature: _____
Ning Zhang

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

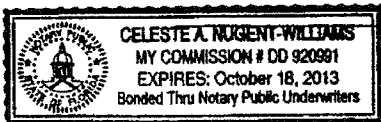
[Signature]
Inventor Name Ning Zhang

Date: 4/30/2013

STATE OF Florida
COUNTY OF Brevard ss.

This 30 day of April 2013 before me personally came the above-named Ning Zhang ~~inventor Name~~, 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



[Signature]
(Notary Public)