

138661



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Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):
Gregory P. Lavoie; Thomas F. Papallo; Ertugrul Berkcan and
William James Premerlani

2. Name and address of receiving party(ies):
GENERAL ELECTRIC COMPANY
1 RIVER ROAD
SCHENECTADY, NEW YORK 12345

3. Nature of conveyance:
XXXX Assignment Merger
Security Agreement Change of Name
Other:
Execution Date: 12/08/2003; 12/08/2003; 11/06/2003 and 11/06/2003

4. Application number(s) or application date(s):
If this document is being filed together with a new application, the execution date of the
application is:
A. Application/Patent No. 10/662,973
B. Application/Issue Date September 15, 2003

5. Name and address of party to whom correspondence concerning this document should be
mailed:
Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682 U.S.A.

6. Total No. of applications and patents involved: 1
7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment
XXXXX CUSTOMER NO.: 27623
XXXXX Enclosed
Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that
may be required with this communication or credit any overpayment, to Deposit Account No. 01-
0467. A duplicate copy of this Form is enclosed.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.

Paul D. Greeley
Name of Person Signing
Signature
Date 12/30/03

Total number of pages including cover sheet, attachments and document: 5

PATENT
REEL: 014861 FRAME: 0452

**ASSIGNMENT**

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we, **Gregory P. Lavoie** of 29 Constance Lane, Bristol, Connecticut 06010; **Thomas F. Papallo** of 8 Wildwood Road, Farmington, Connecticut 06032; **Ertugrul Berkcan** of 4 Wintergreen Court, Clifton Park, New York 12065 and **William James Premerlani** of 133 Woodhaven Drive, Scotia, New York, 12302, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled "**ENERGY CALCULATION METHODS IN POWER DISTRIBUTION SYSTEMS**" [Docket Number 138661]

- signed as of even date,
- signed as of [date], or

**X** filed on **September 15, 2003** having Serial Number **10/662,973**

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Inventor 1

Greg P Lavoie  
GREGORY P. LAVOIE

Date: 12/8/2003

State of CONNECTICUT

SS: PLAINVILLE

County of HARTFORD

This 8<sup>th</sup> day of December, 2003, before me personally came the above named **Gregory P. Lavoie**, 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

Dominique D. Kall  
(Notary Public)

Dominique D. Kall  
Notary Public  
My Commission Expires: 03-31-05

Inventor 2

Thomas F. Papallo  
**THOMAS F. PAPALLO**

Date: 12/8/03

State of CONNECTICUT

SS: PLAINVILLE

County of HARTFORD

This 8<sup>th</sup> day of DECEMBER, 2003, before me personally came the above named **Thomas F. Papallo**, 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

Dominique D. Kall  
(Notary Public)

*Dominique D. Kall*  
Notary Public  
Commission Expires: 03-31-05

Inventor 3

\_\_\_\_\_  
**ERTUGRUL BERKCAN**

Date: \_\_\_\_\_

State of \_\_\_\_\_

SS:

County of \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above **Ertugrul Berkcan**, 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

\_\_\_\_\_  
**WILLIAM JAMES PREMIERLANI**

Date: \_\_\_\_\_

State of \_\_\_\_\_

SS:

County of \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above **William James Premierlani**, 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)

**ASSIGNMENT**

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we, **Gregory P. Lavoie** of 29 Constance Lane, Bristol, Connecticut 06010; **Thomas F. Papallo** of 8 Wildwood Road, Farmington, Connecticut 06032; **Ertugrul Berkcan** of 4 Wintergreen Court, Clifton Park, New York 12065 and **William James Premerlani** of 133 Woodhaven Drive, Scotia, New York, 12302, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled "**ENERGY CALCULATION METHODS IN POWER DISTRIBUTION SYSTEMS**" [Docket Number 138661]

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- signed as of [date], or

**X** filed on **September 15, 2003** having Serial Number **10/662,973**

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Inventor 1

\_\_\_\_\_

Date: \_\_\_\_\_

**GREGORY P. LAVOIE**

State of \_\_\_\_\_

SS:

County of \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above named **Gregory P. Lavoie**, 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

Date: \_\_\_\_\_

THOMAS F. PAPALLO

State of \_\_\_\_\_

SS:

County of \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came the above named **Thomas F. Papallo**, 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

Ertugrul Berkcan

Date: 11/6/2003

**ERTUGRUL BERKCAN**

State of NEW YORK

SS:

County of SCHENECTADY

This 6<sup>th</sup> day of NOVEMBER, 2003, before me personally came the above **Ertugrul Berkcan**, 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

**MARY McCREA McNAMARA**  
Notary Public in the State of New York  
Qualified in Schenectady County  
01MC5061568  
My Commission Expires June 10, 2006

Mary Anne [Signature]  
(Notary Public)

Inventor 4

William James Premerlani

Date: 11/6/03

**WILLIAM JAMES PREMERLANI**

State of NEW YORK

SS:

County of SCHENECTADY

This 6<sup>th</sup> day of NOVEMBER, 2003, before me personally came the above **William James Premerlani**, 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

**MARY McCREA McNAMARA**  
Notary Public in the State of New York  
Qualified in Schenectady County  
01MC5061568  
My Commission Expires June 10, 2006

Mary Anne [Signature]  
(Notary Public)