

## PATENT ASSIGNMENT

Electronic Version v1.1

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| 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>Carlos Restrepo</td><td>03/31/2006</td></tr><tr><td>Peter Spenlove Staley</td><td>03/12/2006</td></tr></tbody></table> |                                   | Name          | Execution Date | Carlos Restrepo     | 03/31/2006 | Peter Spenlove Staley | 03/12/2006 |
| Name  | Execution Date                    |               |                |                     |            |                       |            |
| Carlos Restrepo   | 03/31/2006                        |               |                |                     |            |                       |            |
| Peter Spenlove Staley   | 03/12/2006                        |               |                |                     |            |                       |            |
| RECEIVING PARTY DATA  |                                   |               |                |                     |            |                       |            |
| Name:   | Siemens Energy & Automation, Inc. |               |                |                     |            |                       |            |
| Street Address:   | 3333 Old Milton Parkway           |               |                |                     |            |                       |            |
| City:   | Alpharetta                        |               |                |                     |            |                       |            |
| State/Country:  | GEORGIA                           |               |                |                     |            |                       |            |
| Postal Code:  | 30005-4437                        |               |                |                     |            |                       |            |
| 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>11380535</td></tr></tbody></table>  |                                   | Property Type | Number         | Application Number: | 11380535   |                       |            |
| Property Type   | Number                            |               |                |                     |            |                       |            |
| Application Number:   | 11380535                          |               |                |                     |            |                       |            |
| CORRESPONDENCE DATA   |                                   |               |                |                     |            |                       |            |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                                   |               |                |                     |            |                       |            |
| Phone:  | 732-321-3026                      |               |                |                     |            |                       |            |
| Email:  | ruth.rocky@siemens.com            |               |                |                     |            |                       |            |
| Correspondent Name:   | Elsa Keller                       |               |                |                     |            |                       |            |
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| Address Line 4:   | Iselin, NEW JERSEY 08830          |               |                |                     |            |                       |            |
| ATTORNEY DOCKET NUMBER:   | 2005P16895US                      |               |                |                     |            |                       |            |
| NAME OF SUBMITTER:  | Rashmi Raj                        |               |                |                     |            |                       |            |
| Total Attachments: 2<br>source=2005P16895US Assignment#page1.tif<br>source=2005P16895US Assignment#page2.tif  |                                   |               |                |                     |            |                       |            |

CH 11380535 \$40.00

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PATENT  
REEL: 017540 FRAME: 0034

**ASSIGNMENT**

For good and valuable consideration, We, Carlos Restrepo, residing at 600 Brickworks Circle #6309, Atlanta, GA 30307, citizen of US ; Peter Spenlove Staley, residing at 35 Westwood Lane, Kings Park, NY 11754, citizen of GB; hereafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Siemens Energy & Automation, Inc. , a corporation organized and existing under the state laws of Delaware , having its principal place of business at 3333 Old Milton Parkway, Alpharetta, GA, 30005-4437, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and filed herewith, entitled:

**Systems, Devices, and Methods for Arc Fault Detection**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein

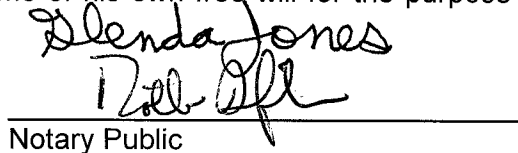
conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Notary Public, Gwinnett County, GA**  
**My Commission Expires Oct. 9, 2006**

  
 \_\_\_\_\_  
 Carlos Restrepo

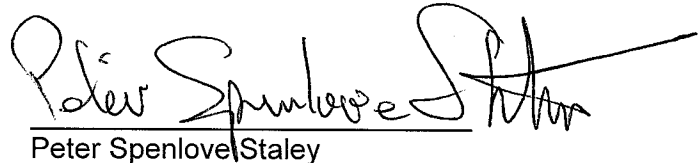
State of )  
 ) : ss  
 County of )

Before me this 31 day of March, 200<sup>6</sup>~~4~~, personally appeared Carlos Restrepo to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

  
 \_\_\_\_\_  
 Notary Public

[Seal]

**ROTILIO BIFULCI**  
**Notary Public, State of New York**  
**No. 52-01BI4758554**  
**Qualified in Suffolk County**  
**Commission Expires Sept. 30, 2006**

  
 \_\_\_\_\_  
 Peter Spenlove Staley

State of )  
 ) : ss  
 County of )

Before me this 12 day of March, 200<sup>6</sup>~~4~~, personally appeared Peter Spenlove Staley to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

  
 \_\_\_\_\_  
 Notary Public

[Seal]