

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>Mukul Rastogi</td><td>06/06/2006</td></tr><tr><td>Richard H. Osman</td><td>06/06/2006</td></tr><tr><td>Yusuke Fukuta</td><td>06/06/2006</td></tr></tbody></table>   |                                   | Name          | Execution Date                    | Mukul Rastogi       | 06/06/2006              | Richard H. Osman | 06/06/2006 | Yusuke Fukuta  | 06/06/2006 |              |       |
| Name   | Execution Date                    |               |                                   |                     |                         |                  |            |                |            |              |       |
| Mukul Rastogi  | 06/06/2006                        |               |                                   |                     |                         |                  |            |                |            |              |       |
| Richard H. Osman   | 06/06/2006                        |               |                                   |                     |                         |                  |            |                |            |              |       |
| Yusuke Fukuta  | 06/06/2006                        |               |                                   |                     |                         |                  |            |                |            |              |       |
| RECEIVING PARTY DATA   |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| <table border="1"><tr><td>Name:</td><td>Siemens Energy &amp; Automation, Inc.</td></tr><tr><td>Street Address:</td><td>3333 Old Milton Parkway</td></tr><tr><td>City:</td><td>Alpharetta</td></tr><tr><td>State/Country:</td><td>GEORGIA</td></tr><tr><td>Postal Code:</td><td>30005</td></tr></table> |                                   | Name:         | Siemens Energy & Automation, Inc. | Street Address:     | 3333 Old Milton Parkway | City:            | Alpharetta | State/Country: | GEORGIA    | Postal Code: | 30005 |
| Name:  | Siemens Energy & Automation, Inc. |               |                                   |                     |                         |                  |            |                |            |              |       |
| Street Address:  | 3333 Old Milton Parkway           |               |                                   |                     |                         |                  |            |                |            |              |       |
| City:  | Alpharetta                        |               |                                   |                     |                         |                  |            |                |            |              |       |
| State/Country:   | GEORGIA                           |               |                                   |                     |                         |                  |            |                |            |              |       |
| Postal Code:   | 30005                             |               |                                   |                     |                         |                  |            |                |            |              |       |
| 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>11419064</td></tr></tbody></table>   |                                   | Property Type | Number                            | Application Number: | 11419064                |                  |            |                |            |              |       |
| Property Type  | Number                            |               |                                   |                     |                         |                  |            |                |            |              |       |
| Application Number:  | 11419064                          |               |                                   |                     |                         |                  |            |                |            |              |       |
| CORRESPONDENCE DATA  |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| Fax Number: (412)281-0717<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| Phone: 412-454-5000  |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| Email: docketingpgh@pepperlaw.com  |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| Correspondent Name: James M. Singer  |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| Address Line 1: 500 Grant Street   |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| Address Line 4: Pittsburgh, PENNSYLVANIA 15219   |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| ATTORNEY DOCKET NUMBER:  | 100530.00201                      |               |                                   |                     |                         |                  |            |                |            |              |       |
| NAME OF SUBMITTER:   | James M. Singer                   |               |                                   |                     |                         |                  |            |                |            |              |       |
| Total Attachments: 4<br>source=assignment201#page1.tif<br>source=assignment201#page2.tif   |                                   |               |                                   |                     |                         |                  |            |                |            |              |       |

OP \$40.00 11419064

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PATENT  
REEL: 017844 FRAME: 0581



**ASSIGNMENT**

For good and valuable consideration, WE, Mukul Rastogi, Richard H. Osman, and Yusuke Fukuta;

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, 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 on May 18, 2006, Serial No. 11/419,064, entitled: Variable-Frequency Drive with Regeneration Capability

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.

Date: June 6, 2006

Mukul Rastogi

State of Pennsylvania )  
County of Allegheny ) ss

Before me this 6th day of JUNE, 2006, personally appeared before me, Mukul Rastogi, 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.

Regina A. Andrews  
Notary Public

{Seal}

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Regina A. Andrews, Notary Public  
Swissvale Boro, Allegheny County  
My Commission Expires July 31, 2008  
Member, Pennsylvania Association Of Notaries

Date: June 6 2006

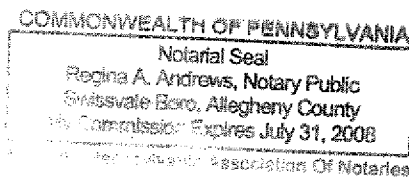
Richard H. Osman

State of Pennsylvania  
County of Allegheny ) ss

Before me this 6th day of June, 2006, personally appeared before me, Richard H. Osman, 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.

{Seal}

Regina A. Andrews  
Notary Public



Date: 06/06/06

Yusuke Fukuta

State of Pennsylvania  
County of Allegheny ) ss

Before me this 06th day of JUNE, 2006, personally appeared before me, Yusuke Fukuta, 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.

Regina A. Andrews  
Notary Public

{Seal}

Please return the recorded assignment to:  
Elsa Keller, Legal Assistant  
Intellectual Property Department  
**Siemens Corporation**  
**Customer No. 28524**

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Regina A. Andrews, Notary Public  
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