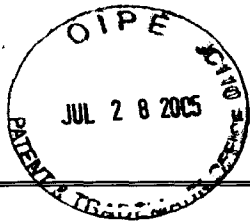


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FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

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PATENTS ONLY

SHEET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
2004P09697US01

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying party(ies) Gregory Karklins James C. Rittenhouse James W. Cornett Additional name(s) of conveying party(ies) attached? ___ Yes <u>X</u> No	2. Name and address of receiving party(ies) Name: <u>Siemens Energy & Automation, Inc.</u> Internal Address: Street Address: <u>3333 Old Milton Parkway</u> City: <u>Alpharetta</u> State: <u>Georgia</u> ZIP: <u>30005</u> Additional name(s) & address(es) attached? ___ Yes <u>X</u> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment ___ Merger ___ Security Agreement ___ Change of Name ___ Other Execution Date: July 20, 2005	

4. Application number(s) or patent number(s): 11/143,695

If this document is being filed together with a new application, the execution date of the application is:
 A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? ___ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Elsa Keller</u> Internal Address: <u>Siemens Corporation</u> <u>Intellectual Property Department</u> Street Address: <u>170 Wood Avenue South</u> City: <u>Iselin</u> State: <u>NJ</u> ZIP: <u>08830</u>	6. Total number of applications and patents involved: <u>one</u> 7. Total Fee (37 CFR 3.41) \$ <u>40.00</u> ___ Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No. <u>19-2179</u>
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9. Statement and signature
 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.

Benjamin M. Rubin Reg. No. 44,310
 Name of Person Signing Signature Date

Benjamin M. Rubin 7/26/05

08/03/2005 ECDOPER 00000175-192179 11143695

01 FC:8021 40.00 DR

ASSIGNMENT

For good and valuable consideration, WE, GREGORY KARKLINS residing at 302 Green Valley Drive, Johnson City TN 37601, citizen of U.S.; JAMES C. RITTENHOUSE, residing at 177 Bart Green, Gray, TN 37615, citizen of U.S.; and JAMES W. CORNETT, residing at 580 Riverside Road, Bluff City, TN 37618,

Hereby sell, assign and transfer to Siemens Energy & Automation, Inc., a corporation organized and existing under the state laws of Georgia, 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 June 2, 2005, Serial No. 11/143,695 entitled:

A METHOD FOR SEARCHING ACROSS A PLC NETWORK

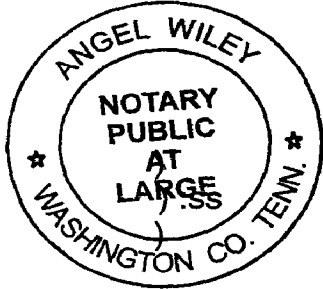
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which 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: 7/24/05



[Signature]
GREGORY KARKLINS

State of

County of

Before me this 20th day of July, 2005, personally appeared before me, GREGORY KARKLINS, 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.

[Signature]
Notary Public

{Seal}

Date: 7-20-05



[Signature]
JAMES C. RITTENHOUSE

State of

County of

Before me this 20th day of July, 2005, personally appeared before me, JAMES C. RITTENHOUSE, 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.

[Signature]
Notary Public

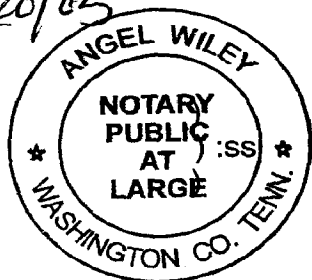
{Seal}

Date: 7/20/05

James W. Cornett
JAMES W. CORNETT

State of

County of



Before me this 20th day of July, 2005, personally appeared before me, JAMES W. CORNETT, 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.

Angel Wiley
Notary Public

{Seal}

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