

11-13-06



FORM PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

11-16-2006

U.S. DEPARTMENT OF COMMERCE  
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To Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

John Channing Bousfield III  
Albert Roc

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): John Channing Bousfield III - 11/1/06  
Albert Roc - 11/1/06

- Assignment
- Security Agreement
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmation License
- Other \_\_\_\_\_
- Merger
- Change of Name

**2. Name and address of receiving party(ies)**

Name: Siemens Energy & Automation, Inc.

Internal Address:

Street Address: 3333 Old Milton Parkway

City: 30005-4437 Alpharetta, GA  
State: UNITED STATES OF AMERICA

Additional name(s) & address(es) attached?  Yes  No

**4. Application number(s) or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

11/515,292

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: Elsa Keller

Internal Address: Customer No. 28524

Siemens Corporation

Intellectual Property Department

Street Address: 170 Wood Avenue South

City: Iselin  
State: NJ ZIP: 08830  
Phone Number:  
Fax Number:  
Email Address:

**6. Total number of applications and patents involved: ONE**

**7. Total Fee (37 CFR 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Deposit Account No. **19-2179**

**9. Signature:**

Signature

11/2/06  
Date

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

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

IDNR: 7008 / 15.11.2005

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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## ASSIGNMENT

For good and valuable consideration, We, JOHN CHANNING BOUSFIELD III, residing at 4787 Christy Road, Murrysville, PA 15668, citizen of US; and ALBERT ROC, residing at 7442 Trevanion Avenue, Pittsburgh, PA 15218, citizen of Spain; hereafter individually or collectively referred to as "Assignors";

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 on August 31, 2006, Serial No. 11/515,292, entitled:

### CONTROL AND DIAGNOSIS OF POWER DELIVERY SYSTEM

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.

IDNR: 7022 / V: 04.03.25 / B: Val

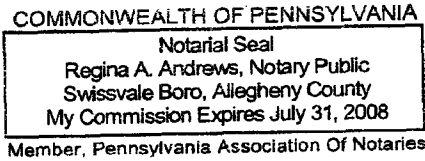
John Channing Bousfield III  
JOHN CHANNING BOUSFIELD III

State of Pennsylvania: ss  
County of Westmoreland

Before me this 1st day of November, 2006 personally appeared JOHN CHANNING BOUSFIELD III, 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.

[Seal]

Regina A. Andrews  
Notary Public



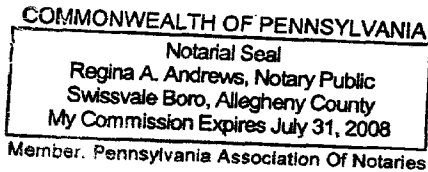
Albert Roc  
ALBERT ROC

State of Pennsylvania: ss  
County of Westmoreland

Before me this 1st day of November, 2006 personally appeared ALBERT ROC, 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.

[Seal]

Regina A. Andrews  
Notary Public



IDNR: 7022 / V: 04.03.25 / B: Val