

05-02-2002



ABHS-0169/B970532

102076283

To The Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **Jeffrey R. Meyer**
First Assignor
Date of Execution: **April 2, 2002**

Second Assignor _____ Date of Execution _____

Third Assignor _____ Date of Execution _____

Fourth Assignor _____ Date of Execution _____

Fifth Assignor _____ Date of Execution _____

Sixth Assignor _____ Date of Execution _____

Additional name(s) of conveying party(ies) attached? () YES (x) NO

2. Name and address of receiving party(ies):
Name: **ABB Inc.**
Street Address: **Centennial Campus - NCSU
1021 Main Campus Drive**
City: **Raleigh**
State: **North Carolina** ZIP: **27606**
Additional name(s) & address attached? () YES (x) NO

3. Nature of Conveyance (check only one):
 New Assignment () Merger
() License Agreement () Security Agreement
() Change of Name () Other:
() Cross-reference of Assignment filed in United States
Application No. ___/___/___, recorded on ___ at
Reel No. ___ and Frame No. ___

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:
Application Nos.: **10/082,824** Patent Nos.: _____ Date application was signed by the first named executing inventor: _____
APR 18 2002
(Fill-in this date only if assignment is filed together with a new application)

5. Name and address of party to whom correspondence concerning documents should be mailed:
Name: **Steven B. Samuels**
WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301
215-568-3100

6. Total number of applications and patents involved: **3**
7. Total fee (37 CFR 3.41):.....\$40.00
() Enclosed
() Authorized to be charged to Deposit Account Number 23-3050
8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050

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DO NOT USE THIS SPACE

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.
Steven B. Samuels/Reg. No. 37,711 *Steven B. Samuels* *April 11, 2002*
Name of Person Signing/Reg. No. Signature Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: **3**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

(Pending Application;
Serial No. Known)

ASSIGNMENT

WHEREAS, I **Jeffry R. Meyer**, herein after referred to as the assignor, residing at **1114 Delmont Road, Greensburg, Pennsylvania 15601**, am the inventor of certain inventions or improvements for which I have made application for Letters Patent of the United States, identified as Serial No. **10/082,824**, filed **October 19, 2001**, entitled **SYSTEM AND METHOD FOR HIGH ACCURACY ACTIVATION OF A MECHANISM VIA A SOLENOID**; and

WHEREAS, **ABB INC.**, hereinafter referred to as the assignee, of **Centennial Campus - NCSU, 1021 Main Campus Drive, Raleigh, North Carolina 27606**, a corporation of **Delaware** is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of my employment by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all law ful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

