

10-25-2001

ABME-0686/B970212

ET

To The Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party(ies):

ABB POWER T&amp;D COMPANY INC. December 20, 1999

First Assignor

Date of Execution

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 AUTOMATION INC.

Street Address: 29801 Euclid Avenue

City: Wickliffe

State Ohio

ZIP 44092

Additional name(s) &amp; address attached? ( ) YES (x) NO

3. Nature of Conveyance (check only one):

( ) New Assignment

( ) Merger

( ) License Agreement

( ) Security Agreement

( ) Change of Name

( ) Other:

(x) Cross-reference of Assignment filed in United States Application No. 09/022,718, recorded on February 16, 2001 at Reel 011575, Frame 0321.

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:

Application Nos.: 09/583,506

Patent Nos.:

Date application was signed by the first named executing inventor

(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:  
WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, Pennsylvania 19103-7301  
215-568-3100

6. Total number of applications and patents involved: 1

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

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

Name of Person Signing/Reg. No.

Signature

Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 5

Mail documents to be recorded with required cover sheet information to:

01/24/2001 LMUELLER 00000234 09583506

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

FC:581

40.00 DP

PATENT  
REEL: 012272 FRAME: 0695

## ASSIGNMENT

For one dollar and other good and valuable consideration, receipt of which is hereby acknowledged, ABB Power T&D Company Inc. ("ABB Power T&D") having a principal place of business at 1021 Main Campus Drive, Raleigh NC 27606 hereby assigns as of the 20<sup>th</sup> day of December, 1999 to ABB Automation Inc., having a principal place of business at 29801 Euclid Avenue, Wickliffe, OH 44092 all of ABB Power T&D's right, title and interest in and to the U.S. Patents, and Patent Applications listed on Schedule I attached hereto including all divisions thereof, all rights to claim priority based thereon, all U.S. letters patent issuing therefrom and all reissues thereof and together with all causes of action, claims and demands and other rights for, or arising from, any infringement, including past infringements, of said Patents.

IN WITNESS WHEREOF, ABB Power T&D has caused this Assignment to be duly executed by its authorized officer as of the day and year first written above.

ABB POWER T&amp;D COMPANY INC.

WITNESS

By: By: John Reckleff

(Printed Name)

Karen L. Rooney

(Printed Name)

Title: Executive Vice President

**ADDENDUM**

WHEREAS, on December 20, 1999, ABB Power T&D Company Inc., hereinafter referred to as the ASSIGNOR, a corporation of Delaware, having its principal place of business at 940 Main Campus Drive, Raleigh NC 27606, executed an Assignment of all its right, title and interest in and to certain inventions or improvements for which applications for Letters Patent were made and for which Letters Patent have issued, all of which were identified on a two page Schedule I attached thereto (hereinafter "Patent Properties"), to ABB Automation Inc., a corporation of Ohio, having its principal place of business at 29801 Euclid Avenue, Wickliffe, OH 44092, hereinafter referred to as the ASSIGNEE; and

WHEREAS, an attempt to have the Assignment recorded in the United States Patent and Trademark Office ("USPTO") against each of said Patent Properties was rejected by the USPTO on the ground that the format of the patent application serial numbers used to identify certain of said Patent Properties on the second page of said Schedule I did not comply with USPTO standards; and

WHEREAS, ASSIGNOR and ASSIGNEE desire to render the Assignment compliant with USPTO standards;

NOW, THEREFORE, ASSIGNOR AND ASSIGNEE hereby agree to amend the Assignment of December 20, 1999 by substituting the attached revised Schedule I for the Schedule I originally attached to said Assignment.

IN WITNESS WHEREOF, the undersigned, being properly authorized to execute this Addendum on behalf of ASSIGNOR and ASSIGNEE, hereunto sets their hands and seal.

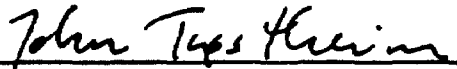
**ABB Power T&D Company Inc.**

By:   
(Name)

Its: Vice President & Secretary  
(Title)

Date: February 8, 2001

**ABB Automation Inc.**

By:   
(Name)

Its: President  
(Title)

Date: February 12, 2001

## SCHEDULE I

## PATENTS ARE:

<u>Patent No.</u>	<u>Issue Date</u>
4,663,587	05MY1987
4,621,330	04NO1986
4,852,030	25JL1989
4,887,029	12DE1989
4,904,191	27FE1990
4,963,820	16OC1990
5,193,111	09MR1993
5,282,108	25JA1994
5,548,527	20AU1996
5,544,089	06AU1996
5,537,333	16JL1996
5,555,508	10SE1996
5,631,843	20MY1997
5,537,029	16JL1996
5,457,621	10OC1995
5,621,629	15AP1997
5,903,145	11MY1999
5,173,657	22DE1992
5,256,979	26OC1993
5,907,241	25MY1999
5,923,269	13JL1999
5,874,903	23FE1999
5,940,009	17AU1999
5,835,331	10NO1998
5,966,010	12OC1999
5,959,243	28SE1999
D412859	17AU1999
4,427,968	24JA1984
4,355,303	19OC1982
4,516,079	07MY1985
4,746,897	24MY1988
4,766,414	23AU1988
4,890,089	26DE1989
5,185,591	09FE1993
5,694,108	02DE1997
5,933,073	03AU1999

## SCHEDULE I (continued)

## PATENT APPLICATIONS ARE:

<u>Serial No.</u>	<u>Filing Date</u>
08/478,606	07JE1995
09/048,800	26MR1998
09/048,812	26MR1998
08/479,013	07JE1995
08/660,709	06JE1996
08/475,549	07JE1995
09/047,479	25MR1998
08/482,005	07JE1995
08/853,518	09MY1997
08/735,164	22OC1996
09/201,439	30NO1998
09/201,440	30NO1998
09/201,610	30NO1998
09/201,294	30NO1998
09/201,292	30NO1998
08/835,261	08/AP1997
09/022,718	12FE1998
09/022,879	12FE1998
09/082,568	21MY1998
09/082,811	21MY1998
09/082,647	21MY1998
08/998,166	24DE1997
09/042,773	17MR1998
09/301,805	29AP1999
09/311,346	13MY1999
09/201,640	30NO1998
09/174,720	19OC1998
60/111,488	07DE1998
60/111,154	07DE1998
60/111,155	07DE1998
60/117,394	27JA1999
09/104,071	24JE1998
09/158,012	21SE1998
08/828,539	31MR1997