

Commissioner for Patents
Washington D.C. 20231

CORRECTED RECORDATION FORM COVER SHEET
PATENTS ONLY

5-31-01

06-05-2001



101739413

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

a. ABB Power T&D Company Inc.
940 Main Campus Drive
Raleigh, NC 27606
U.S.A.

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

a. ABB Automation Inc.
29801 Euclid Avenue
Wickliffe, OH 44092
U.S.A.

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other To add Patent No. 5,631,843 to the Assignment which was previously recorded under Reel No. 011575 and Frame No. 0321 on February 16, 2001.

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

Patent No.: 5,631,843

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

Michael M. Rickin
ABB Automation Inc.
Legal Department - 4U6
29801 Euclid Avenue
Wickliffe, OH 44092

40E

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

A check in the amount of \$_____ to cover the basic filing fee and the assignment recordal fee is enclosed

Charge Deposit Account No. 05-0877 in the amount of \$40.00 to cover the assignment recordal fee. A duplicate copy of this Recordation Form Cover Sheet is enclosed.

8. 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.

Susan J. Glavac

Typed or Printed Name of Person Signing

Susan J. Glavac

Signature

May 29, 2001

Date

03-15-2001



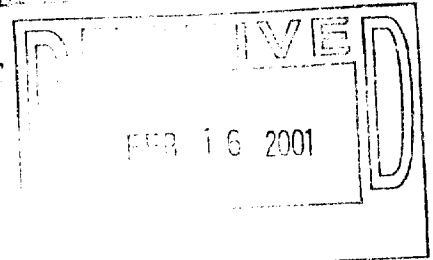
101637200

t: ABB Power T&D - ABB Automation U.S. Assignment

Commissioner for Patents
Washington D.C. 20231

2-16-01

RECORDATION FORM COVER SHEET
PATENTS ONLY



To the Commissioner for Patents

Please record the attached original documents or copy thereof.

1. Name and address of conveying party(ies):

a. ABB Power T&D Company Inc.
940 Main Campus Drive
Raleigh, NC 27606
United States of America

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

a. ABB Automation Inc.
29801 Euclid Avenue
Wickliffe, OH 44092
United States of America

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

1560E

Execution Date: December 20, 1999 with an attached Addendum executed by Assignor on February 8, 2001 and by Assignee on February 12, 2001

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

a. Patent Application Numbers (34 total):

08/478,606	08/735,164	09/082,568	60/111,488
09/048,800	09/201,439	09/082,811	60/111,154
09/048,812	09/201,440	09/082,647	60/111,155
08/479,013	09/201,610	08/998,166	60/117,394
08/660,709	09/201,294	09/042,773	09/104,071
08/475,549	09/201,292	09/301,805	09/158,012
09/047,479	08/835,261	09/311,346	08/828,539
08/482,005	09/022,718	09/201,640	
08/853,518	09/022,879	09/174,720	

03/14/P001 DEYRNE 00000120 050877 08478606

01 FC:581 1560.00 CH

b. Patent Numbers (5 total):

5,457,621
5,548,527

5,555,508
5,621,629

5,903,145

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

Michael M. Rickin
ABB Automation Inc.
Legal Department – 4U6
29801 Euclid Avenue
Wickliffe, OH 44092

6. Total number of applications and patents involved: **39 - At \$40.00 each = \$1,560.00**

7. Total fee (37 CFR 3.41):

A check in the amount of \$_____ to cover the basic filing fee and the assignment recordal fee is enclosed

Charge Deposit Account No. 05-0877 in the amount of \$1,560.00 to cover the assignment recordal fee. A duplicate copy of this Recordation Form Cover Sheet is enclosed.

8. 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.

Valerie Renee Irby

Typed or Printed Name of Person Signing

Valerie Renee Irby

Signature

2/14/01

Date


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 20th 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&D COMPANY INC.

WITNESS

By: 
John Reckleff

By: 

Karen L. Rooney

(Printed Name)

(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;

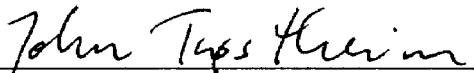
NOW, THEREFORE, ASSIGNOR AND ASSIGNEE hereby agree to amend the Assignment of December 20, 1999 by substituting the attached revised Schedule I for the Schedule I originally attached to said Assignment.

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.

ABB Automation Inc.

By: 
(Name)

By: 
(Name)

Its: Vice President & Secretary
(Title)

Its: President
(Title)

Date: February 8, 2001

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 ✓