

07-22-2003



ref.

To The Honorable Commissioner of Patents and Trademarks. Please record

1. Name of conveying party(ies): **7.18.03**

**ABB Automation Inc.**      **10/31/2001**  
 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  NO

2. Name      **102504407**

Name: **ABB INC.**

Street Address: 208 South Rogers Lane

City: Raleigh

State North Carolina      ZIP 27610

Additional name(s) & address attached?  YES  NO

3. Nature of Conveyance (check only one):

New Assignment       **Merger**

License Agreement       Security Agreement

Change of Name       Other:

FINANCE SECTION  
JUL 16 10 AM 7:39

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

Application Nos.: **09/524,200**      Patent Nos.: **6,073,169**      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: **Lawrence A. Aaronson, Esq.**  
 WOODCOCK WASHBURN LLP  
 One Liberty Place - 46th Floor  
 Philadelphia, Pennsylvania 19103-7301  
 215-568-3100

6. Total number of applications and patents involved: **2**

7. Total fee (37 CFR 3.41):      **\$80.00**

**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.*

**Lawrence A. Aaronson/Reg. No. 38,369**      **July 16, 2003**  
 Name of Person Signing/Reg. No.      Signature      Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: **9**

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

07/21/2003 LHMILLER 00000090 09524200

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80.00 00

Mail Stop Assignment Recordation Services  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 02:00 PM 11/08/2001  
010566732 - 0902539

**CERTIFICATE OF MERGER**

**ABB AUTOMATION INC.**

**INTO**

**ABB INC.**

\*\*\*\*\*

The undersigned corporation **DOES HEREBY CERTIFY:**

**FIRST:** That the name and state of incorporation of each of the constituent corporations of the merger is as follows:

<b>NAME</b>	<b>STATE OF INCORPORATION</b>
ABB Automation Inc.	Ohio
ABB Inc.	Delaware

**SECOND:** That an Agreement of Merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of section 252 of the General Corporation Law of Delaware.

**THIRD:** That the name of the surviving corporation of the merger is ABB Inc., a Delaware corporation.

**FOURTH:** That the Certificate of Incorporation of ABB Inc., a Delaware corporation which is surviving the merger, shall be the Certificate of Incorporation of the surviving corporation.

**FIFTH:** That the executed Agreement of Merger is on file at an office of the surviving corporation, the address of which is 501 Meritt 7, Norwalk, Connecticut 06851.

**SIXTH:** That a copy of the Agreement of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

**SEVENTH:** The authorized capital stock of each foreign corporation which is a party to the merger is as follows:

Corporation	Class	Number of Shares	Par value per share or statement that shares are without par value
ABB Automation Inc.	Common	100	No Par Value

**EIGHTH:** That this Certificate of Merger shall be effective on January 1, 2002.

Dated: October 31, 2001

ABB INC.



By: Eugene E. Madara  
Vice President

TOTAL P.03



Prescribed by **J. Kenneth Blackwell**

Please obtain fee amount and mailing instructions from the Filing Reference Guide ( using the 3 digit form # located at the bottom of this form). To obtain the Filing Reference Guide or for assistance, please call Customer Service:

Central Ohio: (614) 466-3910 Toll Free: 1-877-SOS-FILE (1-877-767-3453)

Expedite is an additional fee of \$100.00  
 Expedite

### CERTIFICATE OF MERGER

In accordance with the requirements of Ohio law, the undersigned corporations, banks, savings banks, and loan, limited liability companies, limited partnerships and/or partnerships with limited liability, desiring to effect a merger, set forth the following facts:

SECRETARY OF STATE  
RECEIVED STATE  
2008 DEC 10 PM 3:52  
CUSTOMER SERVICE CENTER

**I SURVIVING ENTITY**

A. The name of the entity surviving the merger is:  
ABB DE Inc. (ABB Inc.)

B. Name Change: As a result of this merger, the name of the surviving entity has been changed to the following:  
N/A

(Complete only if name of surviving entity is changing through the merger)

C. The surviving entity is a: (Please check the appropriate box and fill in the appropriate blanks)

- Domestic (Ohio) for-profit corporation, charter number \_\_\_\_\_
- Domestic (Ohio) non-profit corporation, charter number \_\_\_\_\_
- Foreign (Non-Ohio) corporation incorporated under the laws of the state/country of Delaware and licensed to transact business in the State of Ohio under license number 567124
- Foreign (Non-Ohio) corporation incorporated under the laws of the state/country of \_\_\_\_\_ and NOT licensed to transact business in the state of Ohio, \_\_\_\_\_
- Domestic (Ohio) limited liability company, with registration number \_\_\_\_\_
- Foreign (Non-Ohio) limited liability company organized under the laws of the state/country of \_\_\_\_\_ and registered to do business in the State of Ohio under registration number \_\_\_\_\_
- Foreign (Non-Ohio) limited liability company organized under the laws of the state/country of \_\_\_\_\_ and NOT registered to do business in the State of Ohio. \_\_\_\_\_
- Domestic (Ohio) limited partnership, with registration number \_\_\_\_\_
- Foreign (Non-Ohio) limited partnership organized under the laws of the state/country of \_\_\_\_\_ and registered to do business in the state of Ohio under registration number \_\_\_\_\_
- Foreign (Non-Ohio) limited partnership organized under the laws of the state/country of \_\_\_\_\_ and NOT registered to do business in the state of Ohio. \_\_\_\_\_
- Domestic (Ohio) partnership having limited liability, with the registration number \_\_\_\_\_

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Secretary of State

Foreign (Non-Ohio) partnership having limited liability organized under the laws of the state/country of \_\_\_\_\_ and registered to do business in the state of Ohio under registration number \_\_\_\_\_

Foreign (Non-Ohio) non-profit incorporation under the laws of the state/country of \_\_\_\_\_ and licensed to transact business in the state of Ohio under license number \_\_\_\_\_

Foreign (Non-Ohio) non-profit incorporation under the laws of the state/country of \_\_\_\_\_ and not licensed to transact business in the state of Ohio.

**II. MERGING ENTITY**

The name, charter/license/registration number, type of entity, state/country of incorporation or organization, respectively, of which is a party to the merger are as follows: (If this is insufficient space to reflect all merging entities, please attach a separate sheet listing the merging entities)

Name	State/Country of Organization	Type of Entity
<u>ABB Automation Inc. (Charter No. 316177)</u>	<u>Ohio</u>	<u>Corporation</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

**III. MERGER AGREEMENT ON FILE**

The name and mailing address of the person or entity from whom/which eligible persons may obtain a copy of the agreement of merger upon written request:

<u>Eugene E. Madara</u>	<u>501 Merritt 7</u>
(name)	(street and number)
<u>Norwalk</u>	<u>CT 6851</u>
(city, village or township)	(state) (zip code)

**IV. EFFECTIVE DATE OF MERGER**

This merger is to be effective on: January 1, 2002 (if a date is specified, the date must be a date on or after the date of filing; the effective date of the merger cannot be earlier than the date of filing, if no date is specified, the date of filing will be the effective date of the merger).

**V. MERGER AUTHORIZED**

The laws of the state or country under which each constituent entity exists, permits this merger. This merger was adopted, approved and authorized by each of the constituent entities in compliance with the laws of the state under which it is organized, and the persons signing this certificate on behalf of each of the constituent entities are duly authorized to do so.

**VI. STATUTORY AGENT**

The name and address of the surviving entity's statutory agent upon whom any process, notice or demand may be served is:

<u>CT Corporation System</u>	<u>1300 East 9th Street</u>
(name)	(street and number)
<u>Cleveland</u> , Ohio	<u>44114</u>
(city, village or township)	(zip code)

(This item MUST be completed if the surviving entity is a foreign entity which is not licensed, registered or otherwise authorized to conduct business in the state of Ohio)

**VII. ACCEPTANCE OF AGENT**

The undersigned, named herein as the statutory agent for the above referenced surviving entity, hereby acknowledges and accepts the appointment of statutory agent for said entity.

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Secretary of State

## VII. ACCEPTANCE OF AGENT

The undersigned, named herein as the statutory agent for the above referenced surviving entity, hereby acknowledges and accepts the appointment of statutory agent for said entity.

Signature of Agent \_\_\_\_\_

*(The acceptance of agent must be completed by domestic surviving entities if through this merger the statutory agent for the surviving entity has changed, or the named agent differs in any way from the name currently on record with the Secretary of State.)*

## VIII. STATEMENT OF MERGER

Upon filing, or upon such later date as specified herein, the merging entity/entities listed herein shall merge into the listed surviving entity

## IX. AMENDMENTS

The articles of incorporation, articles of organization, certificate of limited partnership or registration of partnership having limited liability (circle appropriate term) of the surviving domestic entity have been amended. Please see attached "Exhibit A." (Please note, if there will be no change please state "no change")

## X. QUALIFICATION OR LICENSURE OF FOREIGN SURVIVING ENTITY

A. The listed surviving foreign corporation, bank, savings bank, savings and loan, limited liability company, limited partnership, or partnership having limited liability desires to transact business in Ohio as a foreign corporation, bank, savings bank, savings and loan, limited liability company, limited partnership, or partnership having limited liability, and hereby appoints the following as its statutory agent upon whom process, notice or demand against the entity may be served in the state of Ohio. The name and complete address of the statutory agent is:

\_\_\_\_\_  
(name) (street and number)  
\_\_\_\_\_, Ohio  
(city, village or township) (zip code)

The subject surviving foreign corporation, bank, savings bank, savings and loan, limited liability company, limited partnership, or partnership having limited liability irrevocably consents to service of process on the statutory agent listed above as long as the authority of the agent continues, and to service of process upon the Secretary of State of Ohio if the agent cannot be found, if the corporation, bank, savings bank, savings and loan, limited liability company, limited partnership, or partnership having limited liability fails to designate another agent when required to do so, or if the foreign corporation's, bank's, savings bank's, savings and loan's, limited liability company's, limited partnership's, or partnership having limited liability's license or registration to do business in Ohio expires or is canceled.

B. The qualifying entity also states as follows: (Completes only if applicable)

1. Foreign Notice Under Section 1703.031

(If the qualifying entity is a foreign bank, savings bank, or savings and loan, then the following information must be completed.)

(a.) The name of the Foreign Nationally/Federally chartered bank, savings bank, or savings and loan association is

(b.) The name(s) of any Trade Name(s) under which the corporation will conduct business:

(c.) The location of the main office (non-Ohio) shall be:

\_\_\_\_\_  
(street address)  
\_\_\_\_\_  
(city, township, or village) (county) (state) (zip code)

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**Secretary of State**

(d.) The principal office location in the state of Ohio shall be:

\_\_\_\_\_ (street address)  
\_\_\_\_\_  
\_\_\_\_\_ (city, township, or village) \_\_\_\_\_ (county) \_\_\_\_\_ (state) \_\_\_\_\_ (zip code)  
(Please note, if there will not be an office in the state of Ohio, please list none.)

(e.) The corporation will exercise the following purpose(s) in the state of Ohio:  
(Please provide a brief summary of the business to be conducted; a general clause is not sufficient)

**2. Foreign Qualifying Limited Liability Company**

(If the qualifying entity is a foreign limited liability company, the following information must be completed.)

(a.) The name of the limited liability company in its state of organization/registration is

\_\_\_\_\_ (b.) The name under which the limited liability company desires to transact business in Ohio is

\_\_\_\_\_ (c.) The limited liability company was organized or registered on \_\_\_\_\_  
under the laws of the state/country of \_\_\_\_\_

(d.) The address to which interested persons may direct requests for copies of the articles of organization, operating agreement, bylaws, or other charter documents of the company is:

\_\_\_\_\_ (street address)  
\_\_\_\_\_  
\_\_\_\_\_ (city, township, or village) \_\_\_\_\_ (state) \_\_\_\_\_ (zip code)

**3. Foreign Qualifying Limited Partnership**

(If the qualifying entity is a foreign limited partnership, the following information must be completed.)

(a.) The name of the limited partnership is

\_\_\_\_\_ (b.) The limited partnership was formed on \_\_\_\_\_

(c.) The address of the office of the limited partnership in its state/country of organization is:

\_\_\_\_\_ (street address)  
\_\_\_\_\_  
\_\_\_\_\_ (city, township, or village) \_\_\_\_\_ (county) \_\_\_\_\_ (state) \_\_\_\_\_ (zip code)

(d.) The limited partnership's principal office address is:

\_\_\_\_\_ (street address)  
\_\_\_\_\_  
\_\_\_\_\_ (city, township, or village) \_\_\_\_\_ (county) \_\_\_\_\_ (state) \_\_\_\_\_ (zip code)

(e.) The names and business or residence addresses of the General partners of the partnership are as follows:

Name	Address
_____	_____
_____	_____
_____	_____

(If insufficient space to cover this item, please attach a separate sheet listing the general partners and their respective addresses)

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(f.) The address of the office where a list of the names and business or residence addresses of the limited partners and their respective capital contributions is to be maintained is:

\_\_\_\_\_ (street address)

\_\_\_\_\_ (city, township, or village) \_\_\_\_\_ (county) \_\_\_\_\_ (state) \_\_\_\_\_ (zip code)

The limited partnership hereby certifies that it shall maintain said records until the registration of the limited partnership in Ohio is canceled or withdrawn.

#### 4. Foreign Qualifying Partnership Having Limited Liability

(a.) The name of the partnership shall be

(b.) Please complete the following appropriate section (either item b(1) or b(2)):

(1.) The address of the partnership's principal office in Ohio is:

\_\_\_\_\_ (street name and number)

\_\_\_\_\_, Ohio \_\_\_\_\_ (zip code)  
(city, village or township)

*(If the partnership does not have a principal office in Ohio, then items b2 and item c must be completed)*

(2.) The address of the partnership's principal office (Non-Ohio):

\_\_\_\_\_ (street address)

\_\_\_\_\_ (city, township, or village) \_\_\_\_\_ (state) \_\_\_\_\_ (zip code)

(c.) The name and address of a statutory agent for service of process in Ohio is as follows:

\_\_\_\_\_ (name) \_\_\_\_\_ (street and number)

\_\_\_\_\_, Ohio \_\_\_\_\_ (zip code)  
(city, village or township)

(d.) Please indicate the state or jurisdiction in which the Foreign Limited Liability Partnership has been formed

(e.) The business which the partnership engages in is:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The undersigned constituent entities have caused this certificate of merger to be signed by its duly authorized officers, partners and representatives on the date(s) stated below.

ABB Automation Inc.  
(Exact name of entity)

By: Katherine M. Stedley  
Its: Assistant Secretary  
Date: 12-31-01

ABB DE Inc. (ABB Inc.)  
(Exact name of entity)

By: [Signature]  
Its: Vice President  
Date: 12-31-01



*State of Delaware*  
**Office of the Secretary of State** PAGE 1

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I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ABB AUTOMATION INC.", A OHIO CORPORATION,  
WITH AND INTO "ABB INC." UNDER THE NAME OF "ABB INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE EIGHTH DAY OF NOVEMBER, A.D. 2001, AT 2 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



*Harriet Smith Windsor*  
*Harriet Smith Windsor, Secretary of State*

0902559 8100M

AUTHENTICATION: 1437317

010566732

DATE: 11-09-01

RECORDED: 07/18/2003

PATENT  
REEL: 014277 FRAME: 0804