

07-02-2002

ABMS-0154/B010360



102135617

To The Honorable Commissioner of Patents and Trademarks. *FIGURE 1001* Original documents or copy thereof.

1. Name of conveying party(ies): *APP 3-5-02*

Yi Hu **January 24, 2002**
First Assignor Date of Execution

William M. Egolf **January 31, 2002**
Second Assignor Date of Execution

David G. Hart **February 4, 2002**
Third Assignor Date of Execution

Luciano DiMaio **February 11, 2002**
Fourth Assignor Date of Execution

Fabio Gatelli **February 11, 2002**
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
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 data of execution of application to which assignment refers:

Application Nos.: 10/034,063 Patent Nos.: MAR - 5 2002 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: **Steven B. Samuels**
WOODCOCK WASHBURN LLP
 One Liberty Place - 46th Floor
 Philadelphia, Pennsylvania 19103-7301
 215-568-3100

03/14/2002 TDIAZ1 00000168 10034063
 01 FC:581 40.00 00

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 *Steven B. Samuels* 2/26/02
 Name of Person Signing/Reg. No. Signature Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 7

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, we **Yi Hu; Luciano DiMaio; Fabio Gatelli; William M. Egolf; David G. Hart**, hereinafter referred to as the assignors, residing respectively at **300 Fairfax Lane, Cary, North Carolina 27513; Via G. Arganini, 10, Milano 20162 Italy; Via Montirone 40, 25021 Bagnolo Mella (Bs), Italy; 1702 Walden Meadow Drive, Apex, North Carolina 27502; 2726 Blaydon Drive, Raleigh, North Carolina 27606** are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. **10/034,063**, filed **December 26, 2001**, entitled **SYSTEM AND METHOD FOR COORDINATED CONTROL OF A SWITCHED POWER CAPACITOR WITH AN INTEGRATED RESONANCE PROTECTION SYSTEM**; 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 our employment by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, 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 reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names 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 us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we 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 each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or

11/02/2002
Date

Luciano DiMaio (L.S.)
LUCIANO DIMAIO

STATEMENT OF WITNESS

SIGNED at DALMINE (City) (BERGAMO) ITALY (Country)

This 11 day of February, 2002.

I, CALLISTO GATTI whose full
Print Name of Witness

residence address is VIA CANTULLO N. 12 ALBINO (BG) ITALY
Print Address of Witness

was personally present and did see Luciano DiMaio execute the above assignment on the
11 day of FEBRUARY, 2002, and such assignor is personally known to
me to be the person described in such document.

Callisto Gatti
Signature of Witness

11/02/2002
Date

Fabio Gatelli (L.S.)
FABIO GATELLI

STATEMENT OF WITNESS

SIGNED at DALMINE (BERGAMO) ITALY
(City) (Country)

This 11 day of February, 2002.

I, CALISTO GATTI whose full
Print Name of Witness

residence address is VIA CANTULLO N° 12 ALBINO (BG) ITALY
Print Address of Witness

was personally present and did see Fabio Gatelli execute the above assignment on the
11 day of FEBRUARY, 2002, and such assignor is personally known to
me to be the person described in such document.

Calisto Gatti
Signature of Witness