

RECORDATION FORM COVER SHEET
PATENTS ONLY - ABUA-0060/B030240

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

1. Name of conveying party(ies):

David Lubkeman 11/25/2003
First Assignor Date of Execution

Danny E. Julian 11/25/2003
Second Assignor Date of Execution

Martin Bass 11/25/2003
Third Assignor Date of Execution

J. Rafael Ochoa 3/10/2004
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 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 NO

3. Nature of Conveyance (check only one):

- New Assignment**
- License Agreement
- Change of Name
- Merger
- Security Agreement
- Other:

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

Application Nos.: **10/700,080**

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: **Raymond N. Scott, Jr., Esq.**
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.

Raymond N. Scott, Jr./Reg. No. 48,666
Name of Person Signing/Reg. No

Signature

3/15/04
Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: **6**

Mail documents to be recorded with required cover sheet information to

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

GH \$40.00 233050 10700080

DOCKET NO.: ABUA-0060/B030240

PATENT
Joint Inventors

**(Pending Application;
Serial No. Known)**

ASSIGNMENT

WHEREAS, we **David Lubkeman, Danny E. Julian, Martin Bass, J. Rafael Ochoa**, hereinafter referred to as the assignors, residing respectively at **1723 Arboretum Trace, Cary, North Carolina 27511; 7021 Landingham Drive, Willow Spring, North Carolina 27592; 102 Escott Court, Cary, North Carolina 27511; 205 Clearport Drive, Morrisville, North Carolina 27560** 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. **10/700,080**, filed **November 3, 2003**, entitled **ELECTRIC UTILITY STORM OUTAGE MANAGEMENT**; 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 improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign

PATENT
REEL: 014430 FRAME: 0877

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PATENT
Joint Inventors

11/25/03
Date

Danny E. Julian (L.S.)
Danny E. Julian

STATE OF North Carolina :
: SS
COUNTY OF Wake :

On this 25th day of November, year of 2003,
before me personally came the above named Danny E. Julian to me personally known and
known to me to be the same individual who executed the foregoing assignment, and who
acknowledged to me that execution of the same was of that person's own free will for the use
and purposes therein set forth.

Notary Public
Jane P. Warren

MY COMMISSION EXPIRES MARCH 28, 2005.

DOCKET NO.: ABUA-0060/B030240

PATENT
Joint Inventors

11/25/03
Date

Martin Bass
Martin Bass (L.S.)

STATE OF North Carolina :
COUNTY OF Wake : SS

On this 25th day of November, year of 2003,
before me personally came the above named Martin Bass to me personally known and
known to me to be the same individual who executed the foregoing assignment, and who
acknowledged to me that execution of the same was of that person's own free will for the use
and purposes therein set forth.

Notary Public
Jane P. Warren

MY COMMISSION EXPIRES MARCH 28, 2005.

DOCKET NO.: ABUA-0060/B030240

PATENT
Joint Inventors

3/10/04

Date

J. RAFAEL OCHOA

(L.S.)

~~J. Rafael Ochoa~~

STATE OF North Carolina :

: SS

COUNTY OF Wake :

On this 10th day of March, year of 2004,
before me personally came the above named J. Rafael Ochoa to me personally known
and known to me to be the same individual who executed the foregoing assignment, and who
acknowledged to me that execution of the same was of that person's own free will for the use
and purposes therein set forth.

Jane P. Warren

Notary Public

MY COMMISSION EXPIRES MARCH 28, 2005.