

FORM PTO-1595

1-31-92

RECORDATION

Attorney Docket No. ABME-0686

10-11-2000

DEPARTMENT OF COMMERCE
Patent and Trademark Office

101484204

To The Honorable Commissioner of Patents and Trademarks
copy thereof.

and original documents or

1. Name of conveying party(ies):

Sasan H. Ardalan and
David E. Van den BoutAdditional name(s) of conveying party(ies)
attached? () YES (X) NO

3. Nature of Conveyance:

- () Assignment () Merger
() Security Agreement
() Change of Name

(X) Other: **Cross-Reference of Assignment Originally
Recorded in S.N. 09/022,718 at Reel 9230, Frame(s)
0966-0970**

Execution Date(s): **January 30, 1998 and
February 2, 1998**

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

Name: ABB Power T&D Company, Inc.

Street Address: 1021 Main Campus Drive

City: Raleigh

State: North Carolina

ZIP: 27606

Additional name(s) & address attached? () YES (X) NO

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/583,506

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

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

Name: **Michael D. Stein**
Internal Address: WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301

Street Address: WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
1650 Market Street
Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41):.....\$40.00

() Enclosed

(X) Authorized to be charged to Deposit Account
Number 23-30508. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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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.*

Michael D. Stein 34,734
Name of Person Signing/Reg. No.

Signature

August 23, 2000
Date

Total number of pages including cover sheet, attachments, and document: 5

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

10/11/2000 DNGUYEN 00000046 233050 09583506

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40.00 CH

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

PATENT
REEL: 011133 FRAME: 0261

DOCKET NO.: ABME-0248/B970211/TNPMEL

(Pending Application;
Serial No. Unknown)

A S S I G N M E N T

WHEREAS, we, Sasan H. Ardalan residing at 659 Carytown Blvd., Suite 106, Cary, North Carolina 27511 and David E. Van den Bout residing at 2608 Sweetgum Dr., Apex, North Carolina 27511 are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Case No. ABME-0248/B970211/TNPMEL, entitled REMOTE ACCESS TO ELECTRONIC METERS USING A TCP/IP PROTOCOL SUITE; and

WHEREAS, ABB Power T&D Company Inc. hereinafter referred to as the assignee, of 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 my 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
Joint Inventors

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 applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

We further authorize and direct our attorneys to insert below* the serial number and filing date of said application now identified as Case No. **ABME-0248/B970211/TNPMEL** as soon as the same shall have been made known to them by the United States Patent Office.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.



SASAN H. ARDALAN

(L.S.)



DAVID E. VAN DEN BOUT

(L.S.)

[WHERE ALL INVENTORS SIGN BEFORE THE SAME NOTARY:]

North Carolina :
COUNTY OF Wake : SS

On this 30 day of January, 1978, before me personally came the above named Sasan H. Ardalan and David E. Van den Bout to me personally known and known to me to be the same individuals who executed the foregoing assignment, and who acknowledged to me that they executed the same of their own free will for the use and purposes therein set forth.

Michelle Grundstoft
Notary Public

My Commission Expires 9/1/99

[WHERE INVENTORS SIGN BEFORE SEPARATE NOTARIES:]

North Carolina :
COUNTY OF Wake : SS

On this 30 day of January, 1978, before me personally came the above named Sasan H. Ardalan 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.

Michelle Grundstoft
Notary Public

My Commission Expires 9/1/99

North Carolina :
COUNTY OF Wake : SS

On this 2 day of February, 1998, before me personally came the above named David E. Van den Bout 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.

Michelle Gundstorf
Notary Public

My Commission Expires 9/7/99

*The above assignment covers application Serial No. 09/022,718, filed on February 12, 1998.

The above insertion made by me this 26th day of May, 1998.

Anthony J. Rossi
of WOODCOCK WASHBURN KURTZ MACKIEWICZ
& NORRIS LLP