**FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE 08-10-1999 1-31-92 SHEET Patent and Trademark Office Attorney Docket No. ABMS-0086 To The Honorable Commissioner cord the attached original documents or copy 101113349 thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): ABB Power T&D Company Inc. Name: Internal Address: Centennial Campus NCSU Aaron M. Jungreis 1021 Main Campus Drive Raleigh, North Carlolina 27606 Additional name(s) of conveying party(ies) attached? () YES (X) NO 3. Nature of Conveyance: Street Address: Same as above (X) Assignment () Merger () Security Agreement () Change of Name City () Other: Execution Date: July 26, 1999 ZIP State 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: July 26, 1999 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? () YES (X) NO 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning documents should be mailed: Name: Anthony J. Rossi, Esq. Internal Address: WOODCOCK WASHBURN KURTZ 7. Total fee (37 CFR 3.41):.....\$40.00 (X) Enclosed MACKIEWICZ & NORRIS LLP One Liberty Place - 46th Floor () Authorized to be charged to deposit account Philadelphia, Pennsylvania 19103-7301 Street Address: WOODCOCK WASHBURN KURTZ 8. Please charge any deficiency or credit any MACKIEWICZ & NORRIS LLP overpayment to Deposit Account Number 23-3050 One Liberty Place - 46th Floor 1650 Market Street Philadelphia, Pennsylvania 19103-7301 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.

Michael D. Stein/Reg. No. 34,734

Name of Person Signing/Reg. No.

July 29, 1999

Date

Total number of pages including cover sheet attachments, and document: 3

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

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

> **3** PATENT EEL: 010145 FRAME: 0126

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DOCKET NO.: ABMS-0086/B980190/TMSSAF (New Application)

## ASSIGNMENT

WHEREAS, I, AARON M. JUNGREIS, residing at 505 A Sherwood Court, Cary, North Carolina 27511, hereinafter referred to as the assignor, am the inventor of certain inventions or improvements for which I have made application for Letters Patent of the United States, identified as Case No. ABMS-0086/B980190/TMSSAF, entitled UNINTERRUPTIBLE POWER SUPPLY; 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 the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, 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 re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name 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 me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I 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 I agree 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.

PATENT REEL: 010145 FRAME: 0127 AND I 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 Patents 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.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

AARON M. JUNGREIS

COUNTY OF Uzle: S

On this 76 day of \_\_\_\_\_\_\_, 1993, before me personally came the above named Aaron M. Jungreis, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to methat execution of the same was of that person's own free will for the use and purposes therein set forth.

My Commission Expires 9-05-2001