

04-01-2002



SHEET

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ABTT-0261/B01 110

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

## 1. Name of conveying party(ies):

Aaron M. Jungreis

February 1, 2002

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 (x) NO

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

Name: ABB INC.

Street Address: Centennial Campus - NC  
1021 Main Campus Drive

City: Raleigh

State North Carolina

ZIP 27606

Additional name(s) &amp; address attached? ( ) YES (x) NO

## 3. Nature of Conveyance (check only one):

(x) 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 date of execution of application to which assignment refers:

Application Nos.: 10/024,744

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: STEVEN B. SAMUELS

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 23-30508. 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

Name of Person Signing/Reg. No.

Signature

Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 3

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

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

03/23/2002 08:14:40 00000000 10010744

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PATENT  
REEL: 012719 FRAME: 0973

**(Pending Application;  
Serial No. Unknown)****ASSIGNMENT**

WHEREAS, I **Aaron M. Jungreis**, hereinafter referred to as the assignor, residing at **505A Sherwood Court, Cary, North Carolina 27511**, am the inventor of certain inventions or improvements for which I have made application for Letters Patent of the United States, identified as **Serial No. 10/024,744**, filed **December 19, 2001**, entitled **FUEL CELL SYSTEM POWER CONTROL METHOD AND 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 my employment 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.

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.

Feb 1, 2002  
Date

Aaron M. Jungreis (L.S.)  
Aaron M. Jungreis

STATE OF North Carolina :  
COUNTY OF Wake : SS

On this 1<sup>st</sup> day of February, year of 2002, 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 me that execution of the same was of that person's own free will for the use and purposes therein set forth. JPW, 1-02

Jane P. Warren  
Notary Public

MY COMMISSION EXPIRES MARCH 28, 2005.