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Attorney's Docket No. 004501-018

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

1. Name of conveying party(ies):

Asea Brown Boveri AG

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: June 5, 2000

Name and address of receiving party(ies):

Name: ABB ALSTOM POWER (Switzerland) Ltd

Address: Haselstrasse 16/699

CH-5401 Baden

Switzerland

Additional name(s) & address(es) attached? Yes 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)

09/053,783

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Robert S. Swecker

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

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, if necessary

8. Deposit account number:

02-4800

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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.

Robert S. Swecker, #19,885
Name of Person Signing

[Signature]
Signature

July 17, 2000
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

08/03/2000 NTHA11 00000097 09053783
01 FC:581 40.00 OP

ASSIGNMENT

THIS ASSIGNMENT is effective as of the first day of September, 1999.

WHEREAS, Asea Brown Boveri AG, having its principal place of business at CH-5401 Baden, Switzerland, is the owner of U.S. Patent Application Serial No. 09/053,783 filed on April 2, 1998; and

WHEREAS, ABB ALSTOM POWER (Switzerland) Ltd, having its principal place of business at Haselstrasse 16/699, CH-5401 Baden, Switzerland, is desirous of acquiring the entire right, title and interest in and to the patent application identified above, including any reissue, reexamined patent, divisions and continuations of the above-identified patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Asea Brown Boveri AG has sold, assigned and transferred, and nunc pro tunc as of September 1, 1999, hereby sells, assigns and transfers to ABB ALSTOM POWER (Switzerland) Ltd the entire right, title and interest in and to the said patent application listed above, including any reissue, reexamined patent, continuations and divisions of said patent application, said patent application to be held and enjoyed by ABB ALSTOM POWER (Switzerland) Ltd for its own use and for the use of its legal representatives, successors and assigns, to the full end of the term for which the said patent

application is granted, as fully and entirely as the same would have been held by Asea
Brown Boveri AG had this assignment not been made, together with all claims for past
infringement of said patent application and with the right to sue for and to collect damages
for such infringement.

05. Juni 2000

Date



Name: Dr. Helmut Kaiser
Title: Authorized representative
Company: Asea Brown Boveri AG