

FORM PTO-1595 (Modified)  
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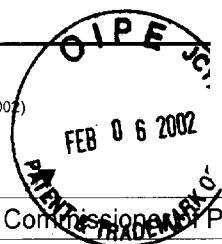


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HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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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):

Asea Brown Boveri AG

*2.6.02*

Additional names(s) of conveying party(ies)  Yes  No

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

Name: ALSTOM

Address: 25 avenue Kléber

City: Paris

State/Prov.:

Country: FRANCE

ZIP: F-75116

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: December 18, 2001

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

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

Patent Application No. Filing date

B. Patent No.(s)

5,748, 666

Additional numbers  Yes  No

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

Name: Richard H. Tushin

Registration No. 27,297

Address: DYKEMA GOSSETT PLLC

Third Floor West, Franklin Square

1300 I Street, NW

City: Washington State/Prov.: DC

Country: U.S.A. ZIP: 20005-3306

6. Total number of applications and patents involved: 1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

04-2223

(Attach duplicate copy of this page if paying by deposit account)

01 FC:581 40.00 CH

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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.

Richard H. Tushin

February 6, 2002

Name of Person Signing

Signature

3 Date

Total number of pages including cover sheet, attachments, and

**ASSIGNMENT**

THIS ASSIGNMENT is effective as of the first day of November, 2000.

WHEREAS, Asea Brown Boveri AG, a Swiss corporation, having its principal place of business at Haselstrasse 16/699, CH-5401 Baden, Switzerland, is the record owner of the United States Letters Patent

No 5,748,666 (Application No 08/640814)


WHEREAS, certain assets including <sup>said</sup> ~~the~~ United States Letters <sup>Patent No.</sup> ~~Patent No. 5,748,666~~ ~~applications listed in Appendix A were~~ <sup>has been</sup> 5,748,666 duly assigned and transferred by the said Asea Brown Boveri AG to ALSTOM, a French limited liability company, having its principal place of business at 25, avenue Kléber, F-75116 Paris, France; and

WHEREAS, the parties desire to record this instrument in the United States Patent and Trademark Office attesting to the assignment of said United States Letters Patents and said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, Asea Brown Boveri AG acknowledges that it has assigned and transferred, nunc pro tunc as of November 1, 2000, to ALSTOM the entire right, title and interest in and to the said patents and patent applications, including any

reissues, reexamined patents, continuations and divisions of said patents and patent applications, said patents and patent applications to be held and enjoyed by ALSTOM for its own use and for the use of its legal representatives, successors and assigns, to the full end of the terms for which the said patent and patent applications are 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 patents and patent applications and with the right to sue for and to collect damages for such infringement.

\_\_\_\_\_  
Date 18-12-2001

  
\_\_\_\_\_  
Name: Beat Weibel  
Title: General Manager  
Company: Asea Brown Boveri AG  
new: ABB (Schweiz) AG