

MIN 3/7/00

FORM PTO-1595  
(Rev. 6/93)

04-11-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

F



IEET

101314108

Attorney's Docket No. 004501-309

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

1. Name of conveying party(ies):

Hartmut HAHNLE

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

Other: \_\_\_\_\_

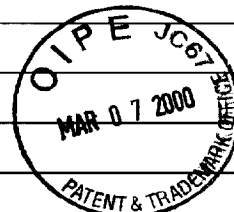
Execution Date: 11/25/99

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

Name: Asea Brown Boveri AG

Address: 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)

09/450,729

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

ne: 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

04/11/2000 JSHABAZZ 00000094 09450729

01 FC-581

40.00 OF

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.

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

*Robert S. Swecker*  
Signature

March 7, 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

(09/99)

PATENT  
REEL: 010667 FRAME: 0310

**ASSIGNMENT**

(SOLE)

THIS ASSIGNMENT, by Hartmut Hähnle, residing at Hofäckerweg,  
D-79790 Küssaberg (hereinafter referred to as "the Assignor"), witnesseth:

Germany

WHEREAS, the Assignor has invented certain new and useful improvements in Blade cooling  
\_\_\_\_\_ set forth in an application, ☐ which is a provisional  
 application to be filed herewith; ☒ which is a non-provisional application having an oath or  
 declaration executed on even date herewith prior to filing of application; ☐ bearing Application No.  
\_\_\_\_\_, and filed on \_\_\_\_\_; and

WHEREAS, Asea Brown Boveri AG, a corporation duly  
 organized under and pursuant to the laws of Switzerland, and having its principal  
 place of business at CH-5401 Baden, Switzerland  
\_\_\_\_\_ (hereinafter referred to as "the Assignee"), is desirous of acquiring the  
 entire right, title, and interest in and to said inventions, the right to file applications on said  
 inventions and the entire right, title and interest in and to any applications, including provisional  
 applications for Letters Patent of the United States or other countries claiming priority to said  
 application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained  
 therefor and thereon.


NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient  
 consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned,  
 transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the  
 Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in  
 and to the above-mentioned inventions, the right to file applications on said inventions and the  
 entire right, title and interest in and to any applications for Letters Patent of the United States or  
 other countries claiming priority to said application, and any and all Letters Patent or Patents of the  
 United States of America and all foreign countries that may be granted therefor and thereon, and  
 in and to any and all applications claiming priority to said applications, divisions, continuations, and  
 continuations-in-part of said applications, and reissues and extensions of said Letters Patent or  
 Patents, and all rights under the International Convention for the Protection of Industrial Property,  
 the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and  
 behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for  
 which Letters Patent or Patents may be granted as fully and entirely as the same would have been  
 held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with  
 the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and  
 delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and  
 interest in and to the inventions set forth in said applications and said applications, including  
 provisional applications, above-mentioned, and that the same are unencumbered, and that the  
 Assignor has good and full right and lawful authority to sell and convey the same in the manner  
 herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with  
 the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever

counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent or Patents of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent or Patents to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 1999-11-25 Signature of Assignor   
Hartmut Hähnle