

MRD 2-2-99

FORM PTO-1595  
(Rev. 6/93)

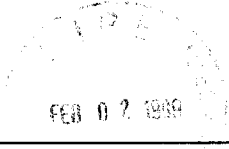
02-04-1999

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

R



EET



100958370

Attorney's Docket No. 004500-914

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

1. Name of conveying party(ies):

Werner HEIL, Vishal MALLICK, Francois MEYNARD, Karl PARFREY, Herbert PRENNER

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name

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

Execution Date: 7/9/97

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

Name: ABB Research Ltd.

Address: CH-8050 Zurich

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)

08/839,316

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

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

[Signature]  
Signature

February 2, 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

02/04/1999 SDBRNS 0000063 08839316

01 FC1581

40.00 00



Assignors have 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 Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors 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 Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 1997-07-09 Name of Assignor Werner Heil *x Werner Heil*

Date 1997-07-09 Name of Assignor Vishal Mallick *x Vishal Mallick*

Date 1997-07-09 Name of Assignor François Meynard *x F Meynard*

Date 1997-07-09 Name of Assignor Karl Parfrey *x Karl Parfrey*

Date 1997-07-09 Name of Assignor Herbert Prenner *x H Prenner*

Date \_\_\_\_\_ Name of Assignor \_\_\_\_\_

Date \_\_\_\_\_ Name of Assignor \_\_\_\_\_

Date \_\_\_\_\_ Name of Assignor \_\_\_\_\_