To the Assistant Commissioner for Patents. Please record the at 17749 is or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving Daniel Frank Moertl and Adalberto Guillermo Yanes party(ies): Name: International Business Machines Corporation Additional names of conveying party(ies) attached? □ yes ⊠ no Internal Address: 3. Nature of Conveyance □ Merger
 ☐ Security Agreement ☐ Change of Name Street Address: New Orchard Road □ Other _ Citv Armonk State. New York Execution Date: March 14, 2002 and March 19, 2002 Additional name(s) & address(es) attached? ☐ yes Ø no 10,109425 4. Application number(s) or patent number(s): TITLE: ACCELERATED ERROR DETECTION IN A BUS BRIDGE CIRCUIT If this document is being filed together with a new application, the execution date of the application is B. Patent No(s). A. Patent Application No(s). Docket No. ROC920010361US1 Serial No. Additional numbers attached? ☐ Yes Ø No Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$ 40.00 Leslie J. Payne IBM Corporation - Dept. 917 □ Enclosed 3605 Highway 52 North Rochester, MN 55901-7829 Authorized to be charged to deposit account Any deficiencies in the enclosed fees 8. Deposit account number: 00000114 090465 10109425 04/05/200# DBYRNE 09-0465 40.00 CH 01 FC:\$81 (Attach duplicate copy of this page if paying by deposit account) 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. Leslie J. Payne Name of Person Signing Total number of pages comprising cover sheet: _2

PATENT

REEL: 012747 FRAME: 0048

Docket No.: ROC920010361US1

ASSIGNMENT

Whereas, we

(1), Daniel Frank Moertl City of Rochester,
County of Olmsted, and State of Minnesota,

and (2), Adalberto Guillermo Yanes City of Rochester, County of Olmsted, and State of Minnesota.

have invented certain improvements in

ACCELERATED ERROR DETECTION IN A BUS BRIDGE CIRCUIT

Dates

and have executed, respectively, a United States patent application therefor on

Inventors (1) March 14 , 2002, and (2) March 19 , 2002.

Signed

Declaration

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

Inventor Inventor at Rochester, Minnesota Frank Signature (1) on 3/19 .2002. First Name Initial Last Name adalberto Inventor Inventor at Rochester, Minnesota (Adalberto Guillermo Signature (2)on 3//9, 2002. Last Name First Name Initial

PATENT
RECORDED: 03/28/2002 REEL: 012747 FRAME: 0049