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Timothy PONTIUS
Mark JOHNSON

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

VLSI Technology, Inc.
1109 McKay Drive
San Jose, CA 95131Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: January 20, 1999

4. Application number(s) or patent number(s): **09/216,291**

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

A. Patent Application No.(s)

B. Patent No.(s)

09/216,291Additional numbers attached? ☐ Yes ☒ No

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

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number:

Name: Robert J. Crawford
Address: CRAWFORD PLLC
333 Washington Avenue North
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Minneapolis, MN 55401

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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 J. Crawford
Name of Person Signing

Signature

March 12, 1999
Date

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PATENT
REEL: 9836 FRAME: 0112

ASSIGNMENT

WHEREAS, we, Timothy Pontius, residing at 834 Shawnee Trail, Lake in the Hills, Illinois 60102, and Mark Johnson, residing at 1127 Bellevue, Elgin, Illinois 60120, made certain new and useful inventions and improvements for which we filed an application for letters Patent of the United States on December 18, 1998, which is entitled METHOD AND ARRANGEMENT FOR BUS EXTENSION WITH VIRTUAL TRANSPARENCY (Serial No. 09/216,291).

AND WHEREAS, VLSI Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1109 McKay Drive, San Jose, California 95131, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,

January

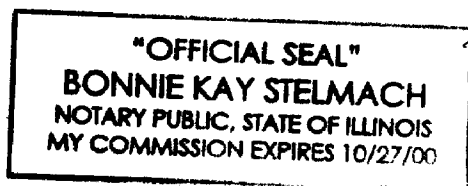
IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of January, 1999.

Mark Johnson
Mark Johnson

STATE OF)
COUNTY OF) ss.
)

On this 20th day of January, 1999, before me personally appeared Mark Johnson to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Bonnie Kay Stelmach
Notary Public