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FORM PTO-1595

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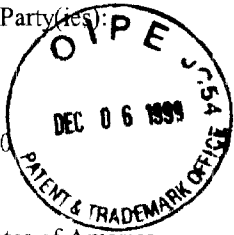
To the Honorable Commissioner of Patents and Trademarks. Please record

hereof.

1. Name and Address of Conveying Party(ies):
 Steven C. Miller
 2317 Tuscany Circle
 Livermore, California 94550

Individual/Citizenship: United States of America

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



2. Name and Address of receiving Party(ies):
 Name: Silicon Graphics, Inc.
 Internal Address:
 Street Address: 1600 Amphitheatre Parkway, M/S 710
 City: Mountain View
 State: CA Zip: 94043-1351

a Delaware corporation

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

3. Nature of conveyance:

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other		

Execution Date: 10/18/99

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) 09/409,765 B. Patent No.(s) _____

Additional Numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Charles S. Fish, Esq.
 Internal Address: BAKER & BOTTS, L.L.P.
 Street Address: 2001 Ross Avenue
 City: Dallas
 State: Texas Zip: 75201-2980

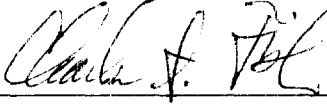
6. Total number of applications and patents involved: One

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
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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.

Charles S. Fish  December 2, 1999
 Name of Person Signing Signature Date

Total number of pages including cover sheet

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3/08/1999 0000012 09409765

DAL01:489870.1

PATENT REEL: 010418 FRAME: 0817

ASSIGNMENT

WHEREAS, I, the undersigned inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, SILICON GRAPHICS, INC. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 1600 Amphitheatre Parkway, M/S 710, Mountain View, California 94043-1351, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

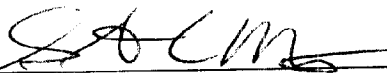
ATTORNEY DOCKET NO.
15-4-920.00
(062986.0143)

PATENT
09/409,765

2

Title of Invention: METHOD AND APPARATUS FOR ANALYZING BUFFER
ALLOCATION TO A DEVICE ON A PERIPHERAL
COMPONENT INTERCONNECT BUS

Signature of Inventor:
Inventor's Name:



Steven C. Miller

Residence (City, County, State)

Livermore, Alameda County, California

Date:

10/18/99

Date Application Executed:

10/18/99