

Atty Ref/Docket No.: 499.750US1

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

102522317

original documents or copy thereof

1. Name of conveying party(ies):

Gregory Marlan, Kenneth Yeager, Mahdi Seddighnezhad
and Dr. David X. Zhang

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

Name: Silicon Graphics, Inc.

Street Address: M/S 710

City: Mountain View State: CA Zip: 94043-1351

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: July 30, 2003, July 30, 2003, July 30,
2003, July 30, 2003

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: July 30, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Thomas F. Brennan

Address:

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[X] Enclosed

[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over
payments to our Deposit account number: 19-0743

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.

Thomas F. Brennan/Reg. No. 35,075

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 5

08/11/2003 DBYRNE 00000161 10631988

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Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, We, Gregory Marlan, residing at 1495 Portobelo Drive, San Jose, CA 95118, and Kenneth Yeager, residing at 1063 Morse Avenue, Apt. 15-205, Sunnyvale, CA 94089-1678, and Mahdi Seddighnezhad, residing at 105 Aberdeen Drive, San Carlos, CA 94070, and Dr. David X. Zhang, residing at 6915 Grandwood Way, San Jose, CA 95120, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled DETECTION AND CONTROL OF RESOURCE CONGESTION BY A NUMBER OF PROCESSORS:

AND WHEREAS, Silicon Graphics, 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 M/S 710, 1600 Amphitheatre Parkway, Mountain View, CA 94043-1351 (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 good and valuable consideration, 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 said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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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 said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2003.

Gregory Marlan

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of July, 2003.

Kenneth Yeager
Kenneth Yeager

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of July, 2003.

Mahdi Seddighnezhad
Mahdi Seddighnezhad

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of July, 2003.

David X. Zhang
Dr. David X. Zhang

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July, 2003.

Gregory A Marlan
Gregory Marlan

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2003.

Kenneth Yeager

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2003.

Mahdi Seddighnezhad

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_____, 2003.

Dr. David X. Zhang