

04-13-1999

Atty Ref/Docket No.: 200.669US1



101007793

To the Honorable Commissioner of Patents and Trademarks: Please record this document as a copy of the original document.

1. Name of conveying party(ies):

Gregory J. Faanes and Eric P. Lundberg

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

Name: Silicon Graphics, Inc.

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

Street Address: 2011 N. Shoreline Blvd.
MS-710

3. Nature of conveyance:

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

City: Mountain View State: CA ZIP: 94043

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

Execution Date: March 17 and 24, 1999

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)

B. Patent No.(s)

Serial No. 09/223,853, filed December 31, 1998

Additional numbers attached? [] Yes [X] No

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

Name: Charles A. Lemaire

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 overpayments to our
Deposit account number: 19-0743

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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 A. Lemaire/Reg. No. 36,198
Name of Person Signing

Charles A. Lemaire
Signature

29 March 1999
Date

Total number of pages including cover sheet: 5

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 9871 FRAME: 0267

ASSIGNMENT

WHEREAS, WE, Gregory J. Faanes, residing at 3005 Deerfield Drive, Eau Claire, WI 54703, and Eric P. Lundberg, residing at 3945 Woodcrest Court, Eau Claire, WI 54701, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 31, 1998, which application was assigned U.S. patent application serial number 09/223,853, and is entitled VECTOR AND SCALAR DATA CACHE FOR A VECTOR MULTIPROCESSOR.

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 2011 N. Shoreline Blvd., MS-710, Mountain View, CA 94043, (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, 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 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 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 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.

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 me/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 17 day of March, 1999.



Gregory J. Faanes

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

Eric P. Lundberg

ASSIGNMENT

WHEREAS, WE, Gregory J. Faanes, residing at 3005 Deerfield Drive, Eau Claire, WI 54703, and Eric P. Lundberg, residing at 3945 Woodcrest Court, Eau Claire, WI 54701, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 31, 1998, which application was assigned U.S. patent application serial number 09/223,853, and is entitled VECTOR AND SCALAR DATA CACHE FOR A VECTOR MULTIPROCESSOR.

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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, 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 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 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 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.

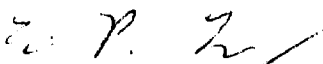
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said 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 me/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 _____, 1999.

Gregory J. Faanes

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of March, 1999.


Eric P. Lundberg