

01-30-2001

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty Ref/Docket No.: 499.087US1



101599710

000-01

To the Honorable Commissioner of Patents at:

Documents or copy thereof.

1. Name of conveying party(ies):

Mark F. Sauder, Michael L. Anderson and Eric C. Fromm

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

Name: Silicon Graphics, Inc.

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

3. Nature of conveyance:

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

Street Address: 1600 Ampitheatre Parkway
M/S 710

City: Mountain View State: CA ZIP: 94043

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

Execution Date: September 4, 2000, September 12, 2000, and October 5, 2000

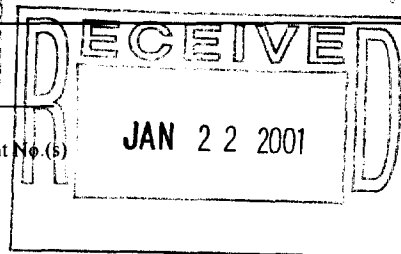
4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

Serial No. 09/619,722, filed July 20, 2000

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: 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

16th January 2001
Date

Total number of pages including cover sheet: 7

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PATENT
REEL: 011462 FRAME: 0340

ASSIGNMENT

WHEREAS, WE, Mark F. Sauder, residing at 18930 75th Avenue, Chippewa Falls, WI 54729, and Michael L. Anderson, residing at S8385 Jeffrey Court, Eau Claire, WI 54701, Administration, and Eric C. Fromm, residing at 539 West Grand Avenue, Eau Claire, WI 54703, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 20, 2000, which application was assigned U.S. patent application serial number 09/619,722, and is entitled METHOD AND APPARATUS FOR ACCESSING MMR REGISTERS DISTRIBUTED ACROSS A LARGE ASIC.

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 1600 Amphitheatre Parkway, M/S 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 therefore;

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 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 12 day of September, 2000.

Mark F. Sauder
Mark F. Sauder

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Michael L. Anderson

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Eric C. Fromm

ASSIGNMENT

WHEREAS, WE, Mark F. Sauder, residing at 18930 75th Avenue, Chippewa Falls, WI 54729, and Michael L. Anderson, residing at S8385 Jeffrey Court, Eau Claire, WI 54701, Administration, and Eric C. Fromm, residing at 539 West Grand Avenue, Eau Claire, WI 54703, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 20, 2000, which application was assigned U.S. patent application serial number 09/619,722, and is entitled METHOD AND APPARATUS FOR ACCESSING MMR REGISTERS DISTRIBUTED ACROSS A LARGE ASIC.

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IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Mark F. Sauder

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4th day of September, 2000.



Michael L. Anderson

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Eric C. Fromm

ASSIGNMENT

WHEREAS, WE, Mark F. Sauder, residing at 18930 75th Avenue, Chippewa Falls, WI 54729, and Michael L. Anderson, residing at S8385 Jeffrey Court, Eau Claire, WI 54701, Administration, and Eric C. Fromm, residing at 539 West Grand Avenue, Eau Claire, WI 54703, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 20, 2000, which application was assigned U.S. patent application serial number 09/619,722, and is entitled METHOD AND APPARATUS FOR ACCESSING MMR REGISTERS DISTRIBUTED ACROSS A LARGE ASIC.

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IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Mark F. Sauder

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2000.

Michael L. Anderson

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of October, 2000.


Eric C. Fromm
