

02-10-2003

Patent and Trademark Office

Atty Ref/Docket No.: 499.746US1

To the Honorable Commissioner of Patents and Trademark

1. Name of conveying party(ies):

David Zhang and Timothy S. Fu

01.31.03

102362210

thereof:

Name and address of receiving party(ies):

Name: Silicon Graphics, Inc.

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

Street Address: M/S 710

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

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

[] Other

Execution Date: January 24, 2003, January 24, 2003

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

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

10356236

If this document is being filed together with a new application, the execution date of the application is: January 24, 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

6. Total number of applications and patents involved: 1

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

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

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

Thomas F. Brennan

Signature

January 31, 2003

Date

Total number of pages including cover sheet: 4

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 013728 FRAME: 0223

ASSIGNMENT

WHEREAS, We, David Zhang residing at 1281 Juli Lynn Drive, San Jose, CA 95120, and Timothy S. Fu residing at 33658 Whimbrel, Fremont, CA 94555, 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 SYNCHRONIZATION CIRCUITS FOR THE DISTRIBUTION OF UNIQUE DATA TO SCATTERED LOCATIONS.

AND WHEREAS, Silicon Graphics, Inc., a corporation organized and existing under and by virtue of the laws of the State of , 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 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 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.

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 24th day of

January, 2003

David Zhang
David Zhang

STATE OF California,

)ss
COUNTY OF Santa Clara

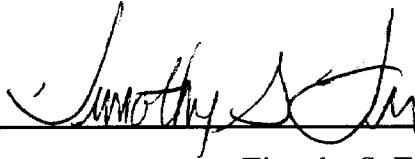
On this _____ day of _____, 2003 before me personally appeared David Zhang to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of

January, 2003



Timothy S. Fu

STATE OF CALIFORNIA)

)ss

COUNTY OF SANTA CLARA)

On this _____ day of _____, 2003 before me personally appeared Timothy S. Fu
to me known and known to me to be the person described in and who executed the foregoing instrument,
and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set
forth.

[SEAL]

Notary Public
