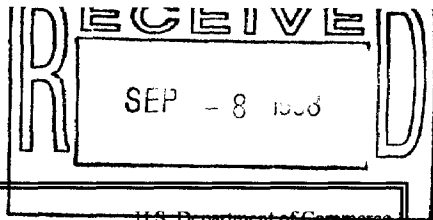


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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Raymond LO and Frederick CHOWAdditional name(s) of conveying party(ies) attached? ☐ yes ☒ no

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

Name: **Silicon Graphics, Inc.**Street Address: **2011 North Shoreline Blvd.**City: **Mountain View** State: **CA** Zip Code: **94043-1389**Country: **United States of America**Additional name(s) & address(es) attached? ☐ yes ☒ no

3. Nature of Conveyance:

- ☒ Assignment
☐ Security Agreement
☐ Other _____
- ☐ Merger
☐ Change of Name

Execution Date(s): **August 27, 1998 and August 26, 1998.**

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).

09/097,715

B. Patent No(s).

Additional numbers attached? ☐ yes ☒ no

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

Name: **Sterne, Kessler, Goldstein & Fox P.L.L.C.**Internal Address: **c/o**Street Address: **1100 New York Ave., N.W.
Suite 600**City: **Washington** State: **D.C.** Zip Code: **20005-3934**

6. Total number of applications and patents involved

17. Total fee (37 C.F.R. § 3.41).....\$ **40.00**☒ Enclosed Check No. **22643**☐ Authorized to be charged to Deposit Account8. Deposit Account Number: **19-0036**

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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.

Michael V. Messinger
 Name of Person Signing
 Registration No. **37,575**

Signature

Date

9/8/98Total number of pages including cover sheet, attachments and documents **2**

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

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: **1) Raymond LO; and 2) Frederick CHOW**, the undersigned hereby sell(s) and assign(s) to Silicon Graphics, Inc., 2011 North Shoreline Blvd., Mountain View, California 94043-1389 (the Assignee) his/her entire right, title and interest, including the right to sue for and collect for all past, present and future damages:

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),
☒ and throughout the world,

(a) in the invention(s) known as Method, System, and Computer Program Product for Extending Sparse Partial Redundancy Elimination To Support Speculative Code Motion Within An Optimizing Compiler for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 1) 8-27-98; and 2) 8-26-98 (also known as United States Application No. 09/097,715, filed June 16, 1998), in any and all applications thereon, in any and all Letters Patent(s) therefor, and (b) in any and all continuing applications, reissues, extensions, renewals, reexaminations and priority documents of such patent application(s), to the full extent of the term or terms for which Letters Patents issue, and (c) in all forms of intellectual and industrial property protection derivable from the above patent application(s), and that are derivable from any and all continuing applications, reissues, extensions, renewals, reexaminations and priority documents of such patent application(s), including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable; all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.


The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Christopher Byrne, Esquire, Registration No. 32,204; Steven S. Weiner, Esquire, Registration No. 38,330; John Bridgen, Esquire, Registration No. 40,530 of SILICON GRAPHICS, INC., 2011 North Shoreline Boulevard, Mountain View, CA 94043-1389, Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; and Michael Q. Lee, Esquire, Registration No. 35,239, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: 8-27-98 Signature of Inventor: Raymond L.
1) Raymond LO

Date: 8-26-98 Signature of Inventor: 
2) Frederick CHOW

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