1-2-3-01

| ATTORNEY DOCKET: 062986.0211 (15-4-1129.00) | 11-28-2001 Sheet 1 of 2 |
|---|--|
| FORM PTO 1595 1-31-92 RECORDAT | 3PARTMENT OF COMMERCE Patent and Trademark Office |
| To the Honorable Commissioner of Patents and Tra- | ments or convithereof |
| Name and Address of Conveying Party(ies) INDIVIDUAL | 101902322 arty(ies): |
| Daniel E. Lenoski, 4885 Clarendon Drive, San Jose, Santa Clare County, California 95129 | Name: Silicon Graphics, Inc. |
| IPE | Internal Address: M.S 710 |
| Individual Citizenship: United States of America | Street Address: 1600 Amphitheatre Parkway |
| Additional name(s) of conveying party(ies) attached? X Yes No | City: Mountain View |
| | State: California Zip: 94043-1351 |
| 3. Nature of conveyance: X Assignment Merger | 11-20.01 |
| Security Agreement Change of Name Other Execution Date: 07/16/2001, 10/30/2001; 8/7/2001; and 11/12/2 | Additional name(s) & Yes X No |
| 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): 09/910,591 filed 07/20/2001 | B. Patent No.(s): |
| | Additional Numbers Yes No |
| 5. Name and address of party to whom correspondence concerning | 6. Total number of application and patents involved: One |
| document should be mailed to: | 7. Total Fee (37C.F.R. 3.41): \$40.00 |
| Name: Charles S. Fish, Esq. | |
| Internal Address: BAKER BOTTS L.L.P. Street Address: 2001 Ross Avenue Suite 600 | X Enclosed Authorized to be charged to deposit account |
| City: Dallas State: Texas Zip 75201-2980 | 8. Deposit Account Number: |
| | (Attach Duplicate Copy of this page if paying by deposit account) |
| | (Attach Dupheate Copy of this page is paying by deposit accounty |
| DO NOT US | E THIS SPACE |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing information i document. [| s true and correct and any attached copy is a true copy of the original |
| Mile | November 20, 2001 |
| Charles S. Fish Reg. No. 35,870 Signature | Date |
| J.g.iata | Total number of pages including cover sheet 7 |
| OMB No. 0651-0011 (exp. 4/94) | |
| Do not deta | ach this portion |
| Mail documents to be recorded with required cover sheet information: | and the state of t |
| Commissioner of I | Patents and Trademarks ssignments |
| Washingto | on, D.C. 20231 |
| | verage about 30 minutes per document to be recorded, including time for and reviewing the sample cover sheet. Send comments regarding this Information Systems, PK2-1000C, Washington, D.C. 20231, and to the 51-0011), Washington, D.C. 20503 |

11/27/2001 DBYRNE 00000018 09910591 40.00 DP

PATENT REEL: 012318 FRAME: 0323

DAL01:641150.1

A. FTORNEY DOCKET: 062986.0211 FORM PTO-1595 ATTACHMENT

1. Name of Conveying Parties - Continued - ALL INDIVIDUALS

Jeffrey S. Kuskin, 2042 Cecilia Way, Mountain View, Santa Clare County, California 94040

Citizenship: United States of America

William A. Huffman, 16205 Roseleaf Lane Los Gatos, Santa Clare County, California 95032

Citizenship: United States of America

Michael S. Woodacre, The Coach House, Seagry Road Sutton Benger, Wilshire SN15 4RX UNITED KINGDOM

Citizenship: United Kingdom

PATENT REEL: 012318 FRAME: 0324

ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, SILICON GRAPHICS, INC. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 1600 Amphitheatre Parkway, M/S 710, Mountain View, California 94043-1351, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: METHOD AND SYSTEM FOR MANAGING MEMORY IN A MULTIPROCESSOR SYSTEM

PATENT REEL: 012318 FRAME: 0325

| Signature of Inventor: Inventor's Name: | Daniel E. Lenoski |
|--|--|
| Residence (City, County, State) | 4885 Clarendon Drive, San Jose Santa Clare County, California 95129 |
| Date: | July 16, Zec) |
| Date Application Executed: | JULY 16, 2001 |

Signature of Inventor:

Jeffrey S. Kuskin

Residence (City, County, State)

2042 Cecilia Way Mountain View, Santa Clare County, California 94040

Date:

1001

Date Application Executed:

30 oct 2001

4

Signature of Inventor:

Milian C. Huffman

Residence (City, County, State)

16205 Roseleaf Lane

Los Gatos,

Santa Clare County, California 95032

Date:

Date Application Executed:

ang 7, 2001

Signature of Inventor:

Michael (min) Woodacre

Residence (City, County, State)

The Coach House, Seagry Road Sutton Benger, Wilshire SN15 4RX

Date:

Date Application Executed:

DAL01:616686.1

RECORDED: 11/28/2001

PATENT REEL: 012318 FRAME: 0329