

05-02-2001

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101698908

**RECORDATION FORM COVER SHEET
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U.S. PTO
09/839441
04/20/01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies)

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation) Document ID#
☐ Correction of PTO Error
Reel # Frame #
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Reel # Frame #

Conveyance Type

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

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- ☐ Departmental File ☐ Secret File

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- ☐ Mark if additional names of conveying parties attached

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Execution Date
Month Day Year

Name (line 2)

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Month Day Year

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City

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Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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Address (line 4)

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04/25/2001 EHAILE1 00000040 09839441

02 FC:581

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PATENT
REEL: 011738 FRAME: 0912

Correspondent Name and Address

Area Code and Telephone Number 650-336-0897

Name

Bernice B. Chen

Address (line 1)

Sun Microsystems, Inc.

Address (line 2)

901 San Antonio Road

Address (line 3)

M/S: PAL01-521

Address (line 4)

Palo Alto, California 94303

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

7

Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

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PCT

PCT

PCT

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Method of payment:

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Enclosed ☐

Deposit Account ☒

Deposit Account - Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number

19-4974

Authorization to charge additional fees Yes ☒ No ☐

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. Charges to deposit account are authorized, as indicated herein.

Richard J. Lutton Jr.
Name of Person Signing

Signature

4-20-01
Date

FORM PTO-1619B
Expires 06/30/99
OMB0651-0027

**RECORDATION FORM COVER SHEET
CONTINUATION
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| Name (line 2) | <input type="text"/> | | | | |
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| Name (line 1) | <input type="text"/> | Execution Date | Month | Day | Year |
| Name (line 2) | <input type="text"/> | | | | |

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

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|------------------|--|---------------------------------|------------------------------------|
| Name (line 1) | <input type="text" value="LSI LOGIC CORPORATION"/> | | |
| Name (line 2) | <input type="text"/> | | |
| Address (line 1) | <input type="text" value="1551 McCarthy Boulevard"/> | | |
| Address (line 2) | <input type="text"/> | | |
| Address (line 3) | <input type="text" value="Milpitas"/> | <input type="text" value="CA"/> | <input type="text" value="95035"/> |
| | City | State/Country | Zip Code |
| Name (line 1) | <input type="text"/> | | |
| Name (line 2) | <input type="text"/> | | |
| Address (line 1) | <input type="text"/> | | |
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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **SUN MICROSYSTEMS, INC.** (the Assignee), a corporation organized and existing under and by virtue of the laws of the State of **Delaware**, and having its principal place of business at **901 San Antonio Road, Palo Alto, California 94303** and **LSI LOGIC CORPORATION** (the assignee), a corporation organized and existing under and by virtue of the laws of the State of **Delaware**, and having its principal place of business at **1551 McCarthy Boulevard, Milpitas, California 95035** their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, METHOD AND APPARATUS FOR GENERATING AND CONTROLLING MEMORY WRITE SIGNALS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignees;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignees, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignees all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignees shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignees;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignees.

By: James H. Ma Date: 3-29-2001
James H. Ma

By: _____ Date: _____
Mark T. Kawahigashi

Bernice B. Chen
Registration Number: Reg. No. 42,403
Sun Microsystems, Inc.
901 San Antonio Road, MS: UPAL01-521
Palo Alto, CA. 94303

Patent Assignment
P4395ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **SUN MICROSYSTEMS, INC.** (the Assignee), a corporation organized and existing under and by virtue of the laws of the State of **Delaware**, and having its principal place of business at **901 San Antonio Road, Palo Alto, California 94303** and **LSI LOGIC CORPORATION** (the assignee), a corporation organized and existing under and by virtue of the laws of the State of **Delaware**, and having its principal place of business at **1551 McCarthy Boulevard, Milpitas, California 95035** their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, METHOD AND APPARATUS FOR GENERATING AND CONTROLLING MEMORY WRITE SIGNALS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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COVENANT that, when requested and at the expense of the Assignees, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignees all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignees shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignees;

Patent Assignment
P4395

COVENANT AND AGREE that the above is and will be binding on the heirs,
assigns, representatives and successors of the undersigned and extend to the
successors, assigns and nominees of the Assignees.

By: _____ Date: _____
James H. Ma

By:  _____ Date: APRIL 9 2001
Mark T. Kawaguchi

Witness: Maria P. Kovacs
Maria P. Kovacs

April 9, 2001 Monday

LSI Logic Corporation
Intellectual Property
Corporate Legal Department
1551 McCarthy Blvd., MS D-106
Milpitas, California 95035

Bernice B. Chen
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901 San Antonio Road, MS: UPAL01-521
Palo Alto, CA. 94303