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To the Director of the United States

102621814

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Adam H. LEVENTHAL
Bryan M. CANTRILL

11-14-03

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

Name: Sun Microsystems, Inc.

Internal Address:

Street Address: 4150 Network Circle

City: Santa Clara State: CA ZIP: 95054

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 11/14/2003

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

If this document is being filed together with a new application, the execution date of the application is: 11/14/2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jonathan P. Osha

Internal Address: ROSENTHAL & OSHA L.L.P.

Street Address: 1221 McKinney, Suite 2800

12/11/2003 DBYRNE 00000166 194974 10713409

01 FC:8021 40.00 DA

City: Houston State: TX ZIP: 77010

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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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.

Jonathan P. Osha, Reg. No. 33,986

Name of Person Signing

Signature

November 14, 2003

Date

Total number of pages including cover sheet, attachments, and document:

4

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

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PATENT
REEL: 014768 FRAME: 0739

ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

SUN MICROSYSTEMS, INC.

having the following address:

**4150 Network Circle
Santa Clara, California 95054**

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

MECHANISM FOR LOSSLESS TRACING IN AN ARCHITECTURE HAVING A DELAY SLOT

for which the undersigned has/have executed an application for patent in the United States of America on this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

ROSENTHAL & OSHA L.L.P.

The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

11/14/2003
Date

Signature: [Handwritten Signature]

Print or Type Name: Adam H. LEVENTHAL

Date

Signature: _____

Print or Type Name: Bryan M. CANTRILL

Date

Signature: _____

Print or Type Name: _____

57124_1.DOC

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.:

Filing Date:

ROSENTHAL & OSHA L.L.P.

The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

Date

November 14, 2003
Date

Date

Signature: _____

Print or Type Name: Adam H. LEVENTHAL

Signature: _____

Print or Type Name: Bryan M. CANTRILL

Signature: _____

Print or Type Name: _____

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When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

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