

3/29/02

Docket No.: 16159.054001; P4709

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03

04-10-2002

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Paten.

102053441

Attached original documents or copy thereof.

1. Name of conveying party(ies):
Earl T. Cohen

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

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

Execution Date: 03/14/2002

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

Name: Sun Microsystems, Inc.

Internal Address: M/S: PAL01-521

Street Address: 901 San Antonio Road

City: Palo Alto State: CA ZIP: 94303

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

1017 U.S. PTO
10/113005
03/29/02

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: 03/14/2002

A. Patent Application No.(s)

B. Patent No.(s)

10/113005

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.

04/09/2002 TBIAZ1 00000092 10113005

01 FC:581

40.00 OP

Street Address: 1221 McKinney Street

Suite 2800

City: Houston State: TX ZIP: 77010

6. Total number of applications and patents involved: **1**

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

50-0591

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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

March 29, 2002

Name of Person Signing

Signature

4

Date

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

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:

**901 San Antonio Road, M/S: PAL01-521
Palo Alto, California 94303**

(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:

METHOD AND APPARATUS FOR CYCLE-BASED COMPUTATION

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;

provided that SUN reimburses any costs, including time, incurred in carrying out the above.

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:

Signature: _____
Date _____
Print or Type Name: Thomas M. McWilliams

Signature: _____
Date _____
Print or Type Name: Jeffrey B. Rubin

Signature: _____
Date _____
Print or Type Name: Derek E. Pappas

Signature: _____
Date _____
Print or Type Name: Oyekunle A. Olukotun

Signature: _____
Date _____
Print or Type Name: Jeffrey M. Broughton

Signature: _____
Date _____
Print or Type Name: David R. Emberson

Signature: _____
Date _____
Print or Type Name: William kwei-cheung Lam

Signature: _____
Date _____
Print or Type Name: Liang T. Chen

Signature: _____
Date _____
Print or Type Name: hao (NMI) Chen

Signature: Earl T. Cohen
Date 3/14/02
Print or Type Name: Earl T. Cohen

ROSENTHAL & OSHA L.L.P.