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COVER SHEET

U.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office

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102215484

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

1. Name of conveying party(ies):
Claude R. GAUTHIER
Pradeep TRIVEDI
Brian W. AMICK
Dean LIU
08/29/02
Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: Sun Microsystems, Inc.
Address: 4150 Network Circle
City: Santa Clara State/Prov.: CA
Country: USA ZIP: 95054
Additional name(s) & address(es) Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 8/19/02; 8/19/02; 8/20/02; 8/21/02

4. Application number(s) or patent numbers(s): *10/230726*
If this document is being filed together with a new application, the execution date of the application is: 8/19/02; 8/19/02; 8/20/02; 8/21/02
Patent Application No. Filing date B. Patent No.(s)
Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Jonathan P. Osha
Registration No. 33,986
Address: ROSENTHAL & OSHA L.L.P.
1221 McKinney, Suite 2800
09/06/2002 DBYRNE 00000056 10230726
01 FC:581 40.00 DP
City: Houston State/Prov.: TX
Country: USA 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.
Jeffrey S. Bergman, Reg. No. 45,925
Name of Person Signing *Jeffrey S. Bergman* Signature 8/29/02 Date

Total number of pages including cover sheet, attachments, and

5

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:

PROGRAMMABLE LEAKAGE CURRENT OFFSET FOR DELAY LOCKED LOOP

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.

Attorney Docket 03226.259001; P8482

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:

8/19/02
Date

08/19/02
Date

Date

8/21/02
Date

Date

Signature:

Print or Type Name:

Claude R. Gauthier
Claude R. Gauthier

Signature:

Print or Type Name:

Pradeep Trivedi
Pradeep Trivedi

Signature:

Print or Type Name:

Brian W. Amick

Signature:

Print or Type Name:

Dean LIU
Dean LIU

Signature:

Print or Type Name:

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.

Attorney Docket 03226.259001; P8482

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

Date

Signature: _____
Print or Type Name: Claude R. Gauthier

Date

Signature: _____
Print or Type Name: Pradeep Trivedi

8/20/02

Date

Signature: *Brian W Amick*
Print or Type Name: Brian W. Amick

Date

Signature: _____
Print or Type Name: Dean LIU

Date

Signature: _____
Print or Type Name: _____

When this Assignment is not filed concurrently with the patent application,
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