Docket No.: 03226.188001;P7422 FORM PTO-1595 (Modified) 05-02-2002 IEET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 Tab settings → → To the Honorable Commissioner of Pacino and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Claude GAUTHIER, Brian AMICK, **Dean LIU and Pradeep TRIVEDI** Name: Sun Microsystems, Inc. 4.24.02 Address: 901 San Antonio Road M/S PAL01-521 Yes X No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Assignment ☐ Merger Security Agreement ☐ Change of Name City: Palo Alto _____ State/Prov.: CA ☐ Other Country: USA ZIP: 94303 Execution Date: April 23, 2002 Additional name(s) & address(es) ☐ Yes ⊠ No 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: 04/23/2002 Patent Application No. Filing date B. Patent No.(s) Yes X No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Jonathan P. Osha 7. Total fee (37 CFR 3.41):....\$ 40.00 33,986 Registration No. ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: ROSENTHAL & OSHA L.L.P. Authorized to be charged to deposit account 1221 McKinney, Suite 2800 8. Deposit account number: 50-0591 City: Houston State/Prov.: TX (Attach duplicate copy of this page if paying by deposit acount) Country: USA ZIP: 77010 DO NOT USE THIS SPACE 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 **1**1 ue copy of the original document. Jonathan P. Osha, Reg. No. 33,986 Date Name of Person Signing Signature Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

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Assignment - Worldwide

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the understand 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, MS 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:

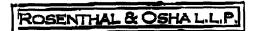
CIRCUIT FOR POST-SILICON CONTROL OF DELAY LOCKED LOOP CHARGE FUMP CURRENT

for which the undersigned hee/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, relasues, 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 inpart, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- 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;
- To perform all lawful aftirmative 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-in-part, or reisauc thereof to COMPANY.



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The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA LL.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: Print or Type Name Signature: Date Print or Type Name: Brian AMICK Signature: Print or Type Name: Dean LIU Signature: (Print or Type Name: Pradoup TRIVED Signature: Date 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.:

Filling Date:

ROSENTHAL & OSHA LLP

04/23/02 15:55 FAX 713 228 8778

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Attorney Docket 03226.188001; P7422

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:	Claude GAUTHIER	
4/23/02	Signature:	Brian amick Brian AMICK	
Date	Print or Type Name:	Brian AMICK	
	Signature:		
Date	Print or Type Name:	Dean LIU	_
	Signature:		
Date	Print or Type Name:	Pradeep TRIVEDI	
	Signature:		:
Date	Print or Type Name:		

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

U.S. Application Social No.: Filing Date:

ROSENTHAL & OSHA L.L.P.

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