Docket No.: 03226.170001;P7188 02-28-2002 FORM PTO-1595 (Modified) ET 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 Patents and Trademarks: Please record attached original documents or copy thereof. 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. Address: 901 San Antonio Road M/S PAL01-521 ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Merger ☐ Security Agreement ☐ Change of Name City: Palo Alto State/Prov.: CA ☐ Other Country: USA ZIP: 94303 January 29, 2002, February 1, 2002, Execution Date: January 31, 2002 & January 29, 2002 Additional name(s) & address(es) ☐ Yes ⊠ No 01/29/2002, 02/01/2002, 4. Application number(s) or patent numbers(s): 01/31/2002 If this document is being filed together with a new application, the execution date of the application is:  $\frac{31/30/2002}{01/30/2002}$ Patent Application No. Filing date B. Patent No.(s) Additional numbers Yes X No 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 Registration No. 33,986 ☑ 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: 02/27/2002 DBYRME 00000191 10075750 40.00 Ptate/Prov.: TX 01 FC 581 Houston 50-0591 ZIP:\_7/010 Country: USA (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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 Date Total number of pages including cover sheet, attachments, and

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## 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, 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:

## JITTER ESTIMATION FOR A PHASE 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:

- 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;
- 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 I.I.p.

PATENT REEL: 012608 FRAME: 0865 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:

1/29/02.	Signature:
Date	Print or Type Name: Claude GAUTHJER
2/1/02	Signature: Brian amod
Date	Print or Type Name: Brian AMICK
1/31/02	Signature:
Date	Print or Type Name: Dean LIU
1/29/02	Signature:
<b>Date</b>	Print or Type Name: Pradeep TRIVEDI
Date	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 Serial No.:

RECORDED: 02/14/2002

Filing Date:

Rosenthal & Osha I.I.p.

PATENT REEL: 012608 FRAME: 0866