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Attorney Docket No. SUN-P5698-BBC

FORM PTO-1595

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

1-31-92 PATENTS O	NLY Patent and Trademark Office
To the Assistant Commissioner for Patents and Trademarks: Please record	the attached original documents or copy thereof
1. Name of conveying party(ies): Satyanarayana Nishtala, Jayarama N. Shenoy, Tai-Yu Chou, Michael C. Freda	2. Name and address of receiving party(ies): Name: Sun Microsystems, Inc. Street Address: 901 San Antonio Road City: State: Zip: Palo Alto, CA 94303
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Additional name(s) & address(es) attached?
3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	[] Yes [X] No
Execution Date: April 5, 2001	
4. Application number(s) or patent number(s): $\sim 9 \ J$	37923
If this document is being filed together with a new application, the execution	n date of the application is: April 5, 2001
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:	6. Total number of applications and patents involved: [1]
Name: Edward J. Grundler Park & Vaughan LLP 508 Second Street, Suite 201	7. Total fee (37 CFR 3.41)
Davis, CA 95616	8. Deposit account number:
Attorney Docket No.: SUN-P5698-BBC	
DO NOT USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information the original document. Edward J. Grundler	April 18, 2001
Name of Person Signing Signatur	Date Date
Total number of pages including cover sheet, attachments and document: [3]
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PATENT REEL: 011725 FRAME: 0673

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Satyanarayana Nishtala Jayarama N. Shenoy Tai-Yu Chou Michael C. Freda

11522 Country Spring Ct., Cupertino, CA 95014 33975 Frederick Lane, Fremont, CA 94555 3361 Marsh Hawk Court, Pleasanton, CA 94588 2465 Fountain Oaks Dr., Morgan Hill, CA 95037

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

METHOD AND APPARATUS FOR DEFINING SIGNAL TIMING FOR AN INTEGRATED CIRCUIT DEVICE

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

X	On the $5^{1/4}$ day of $APRIL$, 2001 ;	
	Or	
	Said application having Application Number and filed on_; a	nd

WHEREAS, <u>Sun Microsystems</u>, <u>Inc.</u> a corporation of the State of <u>Delaware</u>, having a place of business at <u>901</u> San Antonio Road, <u>Palo Alto</u>, <u>CA 94303</u>, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon,

PATENT REEL: 011725 FRAME: 0674 including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

Sal Wishtala	4/5/2001
Satyanarayana Nishtala	Date
Inshere	\$3/21/2001
Jayarama N. Shenoy	Date
Tai-Yu Chou	3/21/2001 Date
Michael C. Fresh	3/21/2001
Michael C. Freda	Date

Date