<u> </u>	•	Docket N	o.: 03226.347001; SUN040249
FORM PTO-1595 (Modified) (Rev. 03-01)	12-12-200)3 IEET	U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp.5/31/2002) 908/REV03			Patent and Trademark Office
Tab settings → → ▼		V	▼ ▼
. To the Director of the United States i	10262181	A rease record the attached original	ginal documents or copy thereof.
Name of conveying party(ies):		2. Name and address of reco	
Adam H. LEVENTHAL Bryan M. CANTRILL		Name: Sun Microsystems	. Inc.
Bryan M. CANTRILL	.4-65		± 6 ■
		Internal Address:	3.5. S.
Additional names(s) of conveying party(ies)	☐ Yes 🗷 No		20 20
3. Nature of conveyance:			10/1
🛚 Assignment	Merger	Street Address: 4150 Net	work Circle
☐ Security Agreement ☐	Change of Name		
, <u>-</u>	•	Oit Santa Clara	Otata: CA 710 05054
Other		City: Santa Clara	State: <u>CA</u> ZIP: <u>95054</u>
Execution Date: 11/14/2003		Additional name(s) & address(e	es) attached? 🔲 Yes 🛮 No
4. Application number(s) or patent numb	pers(s):	9045170	
If this document is being filed togethe			
A. Patent Application No.(s)		B. Patent No.(s)	
7. 1 dione application No.(3)		D. 1 atont 140.(3)	
	Additional numbers attac	hed? 🔲 Yes 🔀 No	
Name and address of party to whom correspondence concerning document should be mailed:			and natoria involved.
		6. Total number of application	ons and patents involved:
Name: Jonathan P. Osha		7. Total fee (37 CFR 3.41):	\$ 40.00
Internal Address: ROSENTHAL & C	SHA L.L.P.	,	
Internal Address: AOSENTHAL & OSHA L.L.F.		☐ Enclosed - Any exces credited or debited to	s or insufficiency should be deposit account
		_	,
V		•	ged to deposit account
Street Address: 1221 McKinney, Suit		8. Deposit account number:	
12/11/2003 DBYRNE 00000166 194974 10713	109	19-4974	946 (4)
01 FC:8021 40.00 JA State	e: TX ZIP: 77010	A.	
State		(Attach duplicate copy of this pa	age if paying by deposit account)
9. Statement and signature.			
To the best of my knowledge and beli of the original document.	ef, the foregoing informa	ation is true and correct and ar	ny attached copy is a true copy
Jonathan P. Osha, Reg. No. 33,986		_	November 14, 2003
Name of Person Signing		Signature	Date
		eet, attachments, and document:	14 ■
	Mail Stop Assignment		040.4450
Director of the Ur	nited States Patent and Trademark	Office, P.O. Box 1450, Alexandria, VA 22:	PATENT
. 40			

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:

MECHANISM FOR LOSSLESS TRACING IN AN ARCHITECTURE HAVING A DELAY SLOT

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.

PATENT REEL: 014768 FRAME: 0740 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:

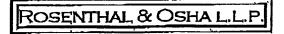
11/14/2003 Date	Signature: Print or Type Name: Adam	HLEVENTHAL	
Date	Signature: Print or Type Name: Bryan	M. CANTRILL	
Date	Signature: Print or Type Name:		

57124_1.DOC

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

U.S. Application Serial No.:

Filing Date:



PATENT REEL: 014768 FRAME: 0741 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:

Date	Signature: Print or Type Name:	Adam H. LEVENTHAL
November 14,2003	Signature: Print or Type Name:	Rydal M. CANTRILL
Date	Signature: Print or Type Name:	

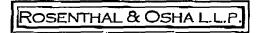
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When this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after</u> execution:

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