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Sunay Tripathi (04/21/2005), Nicolas G. Droux		Name: Sun Microsystems, Inc.			
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Execution Date: in parenth	neses after inventor name	Additional name(s) & Yes X No address(es) attached:			
4. Application number(s) or p	patent number(s):				
If this document is being filed toget	ther with a new application the au-	ecution date of the new application is: April 21, 2005			
A. Patent Application No.(s):		ecution date of the new application is: April 21, 2005 B. Patent No.(s):			
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Name: Jonathan P. Osha OSHA • LIANG LLP		7. Total fee (37 CFR 3.41) \$ 40.00			
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Robert P. Lore	a J \hookrightarrow	April 22, 2005			
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV644881778US, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.					
Dated: April 22, 2005 Signature: (Grace A. Wise)					
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> **PATENT REEL: 016498 FRAME: 0890**

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, CA 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:

HARDWARE-BASED NETWORK INTERFACE PER-RING RESOURCE ACCOUNTING

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.

OSHA • LIANG L.L.P.

PATENT REEL: 016498 FRAME: 0891 The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP 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:

4/21/05	Signature:	Sung
Date	Print or Type Name:	Sunay Tripathi
4/21/05 Date	Signature: Print or Type Name:	
4/2//05 Date	Signature: Print or Type Name:	Hsiao-Keng J. Chu
Date	Signature: Print or Type Name:	
Date	Signature: Print or Type Name:	
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OSHA • LIANG L.L.P.

RECORDED: 04/22/2005

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