FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

08-15-2000



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U.S. Department of Commerce Patent and Trademark Office **PATENT** 



	ATION FORM COVER SHEET PATENTS ONLY							
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or cop(ies).								
Submission Type	Conveyance Type							
New	Assignment Security Agreement							
Resubmission (Non-Recordation) Document ID#	License Change of Name							
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government							
Corrective Document	(For Use ONLY by U.S. Government Agencies)							
Reel # Frame #	Departmental File Secret File							
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date Month Day Year							
Name (line1) ERVIN, Joseph J.	07312000							
Name (line2) Second Party	Execution Data							
	Execution Date Month Day Year							
Name (line1)LACH, Jorge E.	07312000							
Name (line2)	9630099							
Receiving Party  Mark if additional names of receiving parties attached								
Name (line 1) Sun Microsystems, Inc	. If document to be record							
	is an assignment and the receiving party is not							
Name (line 2)	domiciled in the United							
Name (line 2)  Address (line 1) 901 San Antonio Road	domiciled in the United States, an appointment of a domestic representative is attache							
	domiciled in the United States, an appointment of a domestic							
Address (line 1) 901 San Antonio Road	domiciled in the United States, an appointment of a domestic representative is attache (Designation must be a separate document from Assignment.)  CA 94303							
Address (line 1) 901 San Antonio Road  Address (line 2)  Address (line 3) Palo Alto	domiciled in the United States, an appointment of a domestic representative is attache (Designation must be a separate document from Assignment.)  CA 94303 State/Country Zip Code							
Address (line 1) 901 San Antonio Road  Address (line 2)  Address (line 3) Palo Alto City	domiciled in the United States, an appointment of a domestic representative is attache (Designation must be a separate document from Assignment.)  CA 94303 State/Country Zip Code							
Address (line 1) 901 San Antonio Road  Address (line 2)  Address (line 3) Palo Alto City  Domestic Representative Name and Ad	domiciled in the United States, an appointment of a domestic representative is attache (Designation must be a separate document from Assignment.)  CA 94303 State/Country Zip Code							
Address (line 1) 901 San Antonio Road  Address (line 2)  Address (line 3) Palo Alto City  Domestic Representative Name and Ad	domiciled in the United States, an appointment of a domestic representative is attache (Designation must be a separate document from Assignment.)  CA 94303 State/Country Zip Code							
Address (line 1) 901 San Antonio Road  Address (line 2)  Address (line 3) Palo Alto City  Domestic Representative Name and Ad  Name  Address (line 1)	domiciled in the United States, an appointment of a domestic representative is attache (Designation must be a separate document from Assignment.)  CA 94303 State/Country Zip Code							

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**PATENT** 

**REEL: 010985 FRAME: 0890** 

FORM PTO-1619B
Expires 06/30/99
OMB 0651 0007

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U.S. Department of Commerce Patent and Trademark Office PATENT

OMB 0651-0027					FAICHI
Correspond	ent Name and Address	Area Code	and Telephone Nu	mber (617) 3	67-4600
Name	Paul E. Kudirka, E	sq.			
Address (line 1)	Kudirka & Jobse, L	LP			
Address (line 2)	Two Center Plaza				
Address (line 3)	Boston, MA 02108				
Address (line 4)					
Pages	Enter the total number of pa including any attachments.	iges of the atta	ched conveyance	document #	4
• •	Number(s) or Patent Nu	` '	DO NOT ENTER BOTH	Mark if additional nunumbers for the sam	
	ent Application Number(s)			Patent Numbe	• •
signed by the first	s being filed together with a <u>new</u> Pat named executing inventor.	tent Application, e	nter the date the paten	t application was	Month Day Year 07312000
•	eration Treaty (PCT)	PCT	PCT		PCT
<u>only</u>	er PCT application number <u>rif</u> a U.S. Application Numbe not been assigned.	r PCT	PCT		PCT
Number of F		tal number of	properties involve	d. # 1	
Fee Amount	Fee Amount	for Properties	Listed (37 CFR 3.4	11): \$40.00	
Method o		losed 🔀	Deposit Account		
	payment by deposit account or if ad	ditional fees can b Peposit Accour	-	ount.) # 02-3	038
	A	uthorization to	charge additiona	l fees: Yes 🗵	No 🗌
Statement a	nd Signature				
atta	he best of my knowledge and ched copy is a true copy of the cated herein.				
Paul	E. Kudirka	( )and	2. Kuelel Signature		1/00
	of Person Signing		Signature		<sup>'</sup> Date

PATENT REEL: 010985 FRAME: 0891

## ASSIGNMENT OF PATENT APPLICATION

Docket No. P4712

**Whereas** we, the undersigned, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled.

METHOD AND APPARATUS FOR CONNECTING SINGLE MASTER DEVICES TO A MULTIMASTER WIRED-AND BUS ENVIRONMENT.

identified by Kudirka & Jobse, LLP, Docket No. P4712, which application was executed by us on the date(s) indicated below, and

Whereas SUN MICROSYSTEMS, INC., a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, CA 94303, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

**Now, therefore,** for valuable consideration furnished by Assignee to us, receipt and sufficiency of which is hereby acknowledged, we do hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

Assignment 1 of 2

Bind our heirs, legal representatives and assigns, as well as ourselves, to do, 5. upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions. specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents. photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

Date I signed the declaration: 2/3//00.		, ,
Joseph J. Evin	Today's Date:_	7/31/00
62 Pine Point Road, Stow, MA 01775		
Date I signed the declaration:		
- The state of the	Today's Date:_	7 31-00
Jorge E. Lach		
40 Ledgelawn Avenue, Lexington, MA 02420		

**RECORDED: 08/01/2000** 

Assignment 2 of 2