

-	U.S. DEPARTMENT OF COMMERCE
Docket No.: 15437-0567	71170 Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:	
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):
Ioi K Lam	Name: Sun Microsystems, Inc.
07/17/02	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes	w.&.
3. Nature of Conveyance:	757
	Street Address: 4150 Network Circle
☐ Security Agreement ☐ Change of Name	TISO NOT WORK CIRCLE
Other	City: Santa Clara State/Country CA ZIP: 95054
Execution Date: July 16, 2002	Additional name(s) & address(es) attached? Yes
34, 10, 2002	/ Additional flame(s) & address(es) attached: [] Tes
4. Application number(s) or patent number(s):	198441
If the document is being filed together with a new application, the	execution date of the application is: July 16, 2002
A. Patent Application No(s).	B. Patent No(s).
Additional numbers attached? Yes	
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved: 1
document should be mailed:	
Name: Hickman Palermo Truong & Becker LLP	7. Total fee (37 CFR 3.41) \$40.00
Internal Address:	
	Authorized to be charged to deposit account
Street Address: 1600 Willow Street.	8. Deposit account number:
Silver Address.	50-1302
City: San Jose State: CA Zip: 95125	
City: San Jose State: CA Zip: 95125	
DO NOT USE THIS SPACE	
9. Statement and signature.	
To the hest of my knowledge and belief, the foregoing infort	nation is true and correct and any attached copy is a true copy
of the original document.	
of the original doormen.	•
Bobby K. Truong, Reg. No. 37,499	July 17, 2002
No of Parson Signing	Signature
Name and Registration 110. 0.12 of the T	otal number of pages comprising cover sheet: 4
C TO N. 0051 0011 (evp. 4/94)	
CMB No. 0851-0011 (exp. 4/94)	

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PATENT

EL734970635US

REEL: 013121 FRAME: 0203

ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS, That Whereas I, IOI K. LAM, have invented certain new and useful improvements in MECHANISM FOR ENABLING EFFICIENT EXECUTION OF AN INSTRUCTION, for which an application for Letters Patent of the United States of America has been executed; and

WHEREAS SUN MICROSYSTEMS, INC., a corporation duly organized and existing under the laws of Delaware, and having an address at 4150 Network Circle, Santa Clara, California 95054, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations to me by SUN MICROSYSTEMS, INC., the receipt whereof is hereby acknowledged, I do hereby sell, assign, transfer and set over unto SUN MICROSYSTEMS, INC., its successors and assigns, the entire right, title and interest in, to and under the said application for United States Letters Patent, including all priority rights arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for the said inventions, or any of them.

TO HAVE, HOLD and ENJOY the said inventions, the said Application, and the said Letters Patent to said SUN MICROSYSTEMS, INC., its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

And I do hereby authorize and request the Commissioner of Patents of the United States to issue any United States Letters Patent which may be granted on the said application, or any divisional, reissue or continuation applications, or for the said inventions, or any of them, to said SUN MICROSYSTEMS, INC., its successors and assigns, as assignees of the entire right, title and interest therein and thereto.

P7874

Page 1 of 3

And I do hereby, for myself and for my legal representatives, covenant and agree with SUN MICROSYSTEMS, INC., its successors and assigns, that I have granted to others no license to make, use or sell any of the said inventions, that my right, title and interest in the said inventions has not been encumbered, that I have good right and title to sell and assign the same, and that I will not execute any instrument in conflict herewith.

And I do hereby, for myself and for my legal representatives, further covenant and agree with SUN MICROSYSTEMS, INC., its successors and assigns, that upon request I will, and they shall, execute divisional, reissue or continuation applications, amended specifications, or rightful oaths; communicate to SUN MICROSYSTEMS, INC., its successors and assigns, any facts known to me relating to the said inventions or the history thereof; execute preliminary statements and testify in any interference proceedings; execute and deliver any application papers, assignments, or other instruments, and do all other acts which, in the opinion of counsel for SUN MICROSYSTEMS, INC., may be necessary or convenient to secure the grant of Letters Patent to SUN MICROSYSTEMS, INC., its successors and assigns, or its nominees, in the United States and in all other countries where SUN MICROSYSTEMS, INC., may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for SUN MICROSYSTEMS, INC., and to vest and confirm in SUN MICROSYSTEMS, INC., its successors and assigns, or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than now paid but at the expense of SUN MICROSYSTEMS, INC., its successors or assigns.

The undersigned hereby grants the firm of Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, California 95125-5106 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 recordation of this document.

P7874

ATTORNEY DOCKET NO. 15437-0567

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date indicated below:

Date: 7 16 , 2002

IOI K. LAM

HICKMAN PALERMO TRUONG & BECKER, LLP

1600 Willow Street San Jose, California 95125-5106

P7874

RECORDED: 07/17/2002

PATENT REEL: 013121 FRAME: 0206