

06-07-1999

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FORM PTO-1596  
1-31-92

RECC.

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50253-229 (P3565)

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Gilad BRACHA, Sheng LIANG, and Timothy G.  
LINDHOLM  
Additional name(s) of conveying party(ies) attached?  Yes

2. Name and address of receiving party(ies):  
Name: SUN MICROSYSTEMS, INC.  
Address: 901 San Antonio Road  
Palo Alto, California 94303  
Additional name(s) & address(es) attached?  Yes



3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: May 26, 1999

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is: May 26, 1999  
A. Patent Application No(s).  
09/320574  
B. Patent No(s).  
Additional numbers attached?  Yes

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT, WILL & EMERY  
Internal Address:  
Street Address: 600 13<sup>th</sup> Street, N.W.  
City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 500417

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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Eugene J. Molinelli

May 27, 1999

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

(06/07/1999 MTHRI1 00000014 500417 09320574 )  
01 FC:581 40.00 CH

**ASSIGNMENT**

WHEREAS WE, Gilad Bracha of Los Altos, California; Sheng Liang of Mountain View, California; and Timothy G Lindholm of Palo Alto, California, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **MODULE-BY-MODULE VERIFICATION**,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SUN MICROSYSTEMS, INC., a corporation of the State of Delaware and having an address of 90 San Antonio Road, Palo Alto, California 94303 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SUN MICROSYSTEMS, INC., its legal representative, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, reexaminations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or perform any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention and in enforcing any rights or causes in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assignor and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SUN MICROSYSTEMS, INC., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

5/26/99  
Date

Gilad Bracha  
Gilad Bracha

5/26/99  
Date

Sheng Liang  
Sheng Liang

5/26/99  
Date

Timothy G. Lindholm  
Timothy G. Lindholm