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PATENT APPLICATION

Priority Ref.: 0007056-0038/P5040/RJL

Date: December 19, 2000

FORM PTO-1585

U.S. DEPARTMENT OF COMMERCE  
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1. Name of conveying party(ies):

Hemavann Thao

2. Name and address of receiving party(ies):

Sun Microsystems, Inc.  
901 San Antonio Road  
Palo Alto, CA 94303

3. Nature of conveyance:

- Assignment
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Execution Date: December 14, 2000

*Mary Helen Lopez*

4. Application number(s) or patent number(s): 1

If this document is being filed together with a new application, the execution date of the application is: December 14, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

J.D. Harriman II  
COUDERT BROTHERS  
333 South Hope Street, Suite 2300  
Los Angeles, CA 90071

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)): \$40.00

Enclosed

8. The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 501215. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 501215.

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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.

*Micah Goldsmith*  
\_\_\_\_\_  
Micah Goldsmith  
Registration No. 43,638

Date: 12/19/00

\*Total number of pages comprising cover sheet: 2


OMB No. 0651-0011 (exp. 4/94)

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PATENT  
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**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I (We) the undersigned, **HEMAVANN THAO** hereby sell(s), assign(s) and transfer(s) to **SUN MICROSYSTEMS, INC.**, a Delaware Corporation, having a principal place of business at 901 San Antonio Road, Palo Alto, California 94303, ("Assignee"), its successors, assigns and legal representatives, my (our) entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is being filed concurrently herewith, and is entitled: "**METHOD AND APPARATUS FOR CHARACTERIZATION OF ELECTRONIC CIRCUITRY**" and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has (have) been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Dated: 12/14/2000  
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**Hemavann Thao**