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FORM PTO-1595
(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE
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OMB No. 0651-0011 (exp. 4/94)

101325034

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

1. Name of conveying party(ies):
 Ravi Balakrishnan
 Abhay Gupta
 Suresh Pentyala

3-17-00

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: SUN MICROSYSTEMS, INC.
 Internal Address: M/S PALO1-521
 Street Address: 901 San Antonio Road
 City: Palo Alto State: CA Zip: 94303
 Additional name(s) & address(es) attached? Yes No

JCS25 U.S. PTO
09/528092

03/17/00

3. Nature of conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: March 14, 2000
February 3, 2000
February 3, 2000

4. Application number(s) or patent number(s):
09/528,092
 If this document is being filed together with a new application, the execution date of the application is: March 17, 2000

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Gary A. Hecker
 Internal Address: THE HECKER LAW GROUP
 Street Address: 1925 CENTURY PARK EAST
SUITE 2300
 City LOS ANGELES State CA Zip 90067

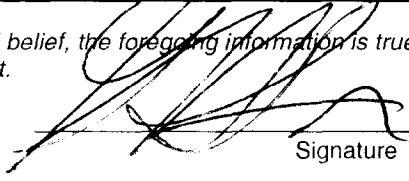
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
08-1520
 (Attach duplicate copy of this page if paying by deposit account)

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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.

Gary A. Hecker  March 17, 2000
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks, Box Assignments
 Washington, D.C. 20231

04/18/2000 DNGUYEN 00000342 09528092

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PATENT
REEL: 010698 FRAME: 0752

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged. We, the undersigned, RAVI BALAKRISHNAN, ABHAY GUPTA, and SURESH PENTYALA, hereby sell, assign, and transfer to: SUN MICROSYSTEMS, INC., a corporation of Delaware, having a principal place of business at: 901 San Antonio Road, Palo Alto, California 94303 ("Assignee") its successors, assigns and legal representatives, the 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 has been executed by the undersigned concurrently herewith,
 which was filed _ and assigned Serial No. _____

and is entitled: METHOD AND APPARATUS FOR DEMAND BASED PAGING ALGORITHM 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 been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____, 2000

 Name: RAVI BALAKRISHNAN

Date: Feb. 5, 2000



 Name: ABHAY GUPTA

Date: Feb. 3, 2000



 Name: SURESH PENTYALA

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, RAVI BALAKRISHNAN, ABHAY GUPTA, and SURESH PENTYALA, hereby sell, assign, and transfer to: SUN MICROSYSTEMS, INC., a corporation of Delaware, having a principal place of business at: 901 San Antonio Road, Palo Alto, California 94303 ("Assignee") its successors, assigns and legal representatives, the 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

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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 been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: March 17, 2000


Name: RAVI BALAKRISHNAN

Date: _____, 2000

Name: ABHAY GUPTA

Date: _____, 2000

Name: SURESH PENTYALA