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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

10/142413 05/09/02

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

1. Name of conveying party(ies): Ravi Kashyap
Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies):
Name: SUN MICROSYSTEMS, INC.
Internal Address:

3. Nature of Conveyance
Assignment Merger
Security Agreement Change of Name
Other:
Execution Date(s): 05/01/2002

Street Address: 901 San Antonio Road
City: Palo Alto State/Province: CA Zip: 94303
Country: USA
Additional name(s) & address(es) attached? No

4. Application Number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:
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:
Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address:
Street Address: 12400 Wilshire Boulevard, 7th Floor
City: Los Angeles State: California Zip: 90025

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: 02-2666
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9. Statement and signature.
To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document

Ramin Aghevli 43,462
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner of Patents, Box Assignments
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Atty Docket No.: 5858P7711
Express Mail No.: EV010947350US

05/14/2002 WABDELRI 00000052 10142413
04 FC:581 40.00 DP

PATENT
REEL: 012886 FRAME: 0284

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

Ravi Kashyap

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"), and 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 that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

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and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that 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 patents, reissued patents, reexamination certificates, and extensions, that 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;

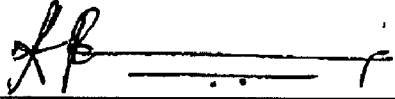
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions 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 assist said Assignee, its successors, assigns, or representatives 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.

Docket No.: 5858P7711
Express Mail No.: EV010947350US

Each Inventor: Please Sign and Date Below:

05/01/2002
Date


Name: Ravi Kashyap

_____, 2002
Date

Name:

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

05/01/2002
Date

_____, 2002
Date