

4-22-05

05-04-2005



102995296  
... 102995296 ONLY

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

RECC

DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

112919 U.S. PTO  
11/112322



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

1. Name of conveying party(ies):  
Nicolas G. Droux (04/21/2005), Sunay Tripathi  
(04/21/2005), and Thirumalai Srinivasan  
(04/21/2005)  
  
Additional name(s) of conveying party(ies)  
attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: Sun Microsystems, Inc.  
Internal Address: \_\_\_\_\_  
Street Address:  
  
4150 Network Circle  
  
City: Santa Clara  
State: California Zip: 95054  
Additional name(s) &  
address(es) attached:  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: in parentheses after inventor name

4. Application number(s) or patent number(s):  
  
If this document is being filed together with a new application, the execution date of the new application is: 04/21/2005  
A. Patent Application No.(s):  
This application  
B. Patent No.(s):  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence  
concerning document should be mailed:  
Name: Jonathan P. Osha  
OSHA · LIANG LLP  
Internal Address: Atty. Dkt.: 03226/656001; SUN050594  
Street Address:  
1221 McKinney St., Suite 2800  
  
City: Houston State: TX Zip: 77010

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  
 Authorized to be charged to credit card  
(Form 2038 enclosed)  
8. Deposit account number:  
50-0591  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*  
  
Robert P. Lord, Reg. No. 46,479 April 22, 2005  
Name of Person Signing Signature Date  
  
Total number of pages including cover sheet, attachments, and documents: 3

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV644881795US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  
Dated: April 22, 2005 Signature: Brenda C. McFadden (Brenda C. McFadden)

04/26/2005 EHAILE1 00000062 11112322  
05 FC:8021 97913 40.00 DP

## ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

**SUN MICROSYSTEMS, INC.**

having the following address:

**4150 Network Circle  
Santa Clara, CA 95054**

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

### **METHOD AND APPARATUS FOR ENFORCING BANDWIDTH UTILIZATION OF A VIRTUAL SERIALIZATION QUEUE**

for which the undersigned has/have executed an application for patent in the United States of America on this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

**OSHA • LIANG LLP**

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP 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 the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

4/21/05  
Date

Signature: [Signature]  
Print or Type Name: Nicolas G. Droux

4/21/05  
Date

Signature: [Signature]  
Print or Type Name: Sunay Tripathi

4/21/2005  
Date

Signature: [Signature]  
Print or Type Name: Thirumalai Srinivasan

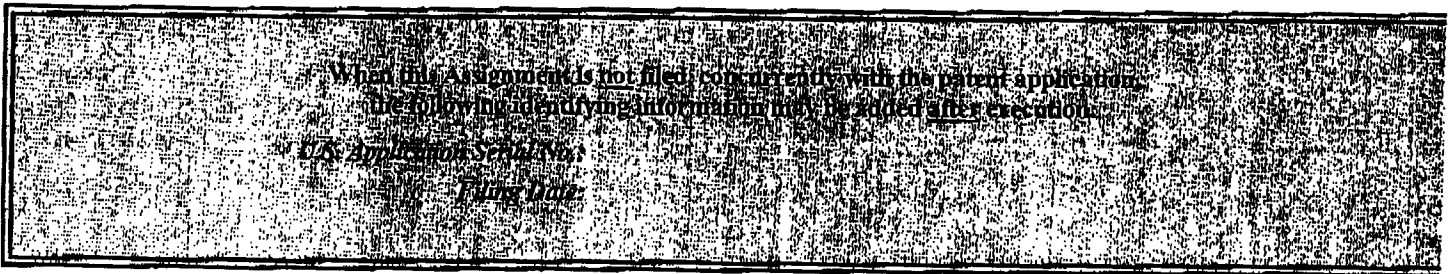
\_\_\_\_\_  
Date

Signature: \_\_\_\_\_  
Print or Type Name: \_\_\_\_\_

\_\_\_\_\_  
Date

Signature: \_\_\_\_\_  
Print or Type Name: \_\_\_\_\_

97397\_1



OSHA • LIANG LLP