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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): Xavier-Francois Vigouroux (08/31/2005), Bernard Tourancheau (08/29/2005), and Cedric Koch-Hofer (08/31/2005) Additional name(s) of conveying party(ies) attached? [] Yes [x] 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 [x] No

3. Nature of Conveyance: [x] 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: 08/31/2005, 08/29/2005, 08/31/2005 A. Patent Application No.(s): This application B. Patent No.(s): Additional numbers attached? [] Yes [x] 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.: 03226/569001 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 [x] 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)

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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. WASIF QURESHI Signature September 2, 2005 Date Name of Person Signing 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. EV658039430US, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. Dated: September 2, 2005 Signature: (Grace A. Wise)

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09/08/2005 AADDF01 00000054 11219153 40.00 DF

PATENT REEL: 016962 FRAME: 0630

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, California 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:

OPTIMAL COMMUNICATION PATH ROUTING IN A SYSTEM EMPLOYING INTERCONNECTED INTEGRATED CIRCUIT TECHNOLOGY

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.

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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 recording 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:

31/08/05
Date

Signature: Xavier Francois Vigouroux
Print or Type Name: Xavier Francois Vigouroux

29/08/05
Date

Signature: BS
Print or Type Name: Bernard Touranchau

31/08/05
Date

Signature: Koch
Print or Type Name: Cedric Koch-Hofer

Date

Signature: _____
Print or Type Name: _____

Date

Signature: _____
Print or Type Name: _____

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When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:
U.S. Application Serial No.:
Filing Date:

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