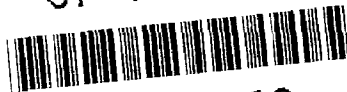


07-12-2005



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(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

RECC

DEPARTMENT OF COMMERCE
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1. Name of conveying party(ies):
Robert St. Pierre (06/28/2005) and Viswanathan Swaminathan (06/28/2005)

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:
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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Robert P. Lord
OSHA - LIANG LLP
Internal Address: Atty. Dkt.: 03226/661001; SUN050575
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
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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 [Signature] 30 June 2005
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Total number of pages including cover sheet, attachments, and documents: 3

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04 FEB 8021

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:

TRICK PLAY FOR MULTICAST STREAMS

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:

06/28/05
Date

Signature: [Handwritten Signature]
Print or Type Name: Robert St. Pierre

06/28/05
Date

Signature: [Handwritten Signature]
Print or Type Name: Viswanathan Swaminathan

Date

Signature: _____
Print or Type Name: _____

Date

Signature: _____
Print or Type Name: _____

Date

Signature: _____
Print or Type Name: _____

104992_1

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:

OSHA • LIANG LLP