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

1. Name of conveying party(ies):

Maurice P. Herlihy

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/State/Zip: Santa Clara, CA 95054

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Date(s): January 6, 2005

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.: 11/026,850

B. Patent No.: _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David W. O'Brien
 Internal Address: Zagorin O'Brien Graham LLP
 Street Address: 7600B N. Capital of Texas Hwy, Suite 350
 City/State/Zip: Austin, TX 78731

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

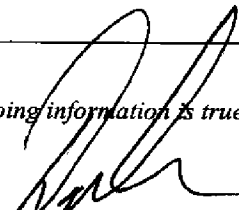
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

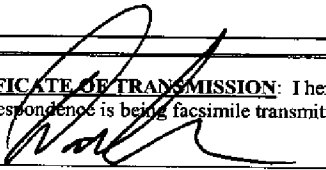
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3-Mar-05
Date

Total number of pages including cover sheet: 3

CERTIFICATE OF TRANSMISSION: I hereby certify that, on the date shown below, this correspondence is being facsimile transmitted to the US Patent and Trademark Office.


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3-Mar-05
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ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

Simon Doherty of London, England
 Mark S. Moir of Hampton, NH
 Victor M. Luchangco of Cambridge, MA
 Maurice P. Herlihy of Cambridge, England

hereby sell, assign and transfer to

ASSIGNEE: Sun Microsystems, Inc., a Delaware corporation, having a principal place of business at 4150 Network Circle, Santa Clara, CA 95054,

its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- U.S. Patent Application executed on or about the date of this Assignment,
 U.S. Patent Application executed on _____, or
 U.S. Provisional Application
 U.S. Application No.: _____, filed on _____
 International Application No.: PCT/_____, filed on _____

ENTITLED: **A SPACE-ADAPTIVE LOCK-FREE FREE-LIST USING POINTER-SIZED SINGLE-TARGET SYNCHRONIZATION,** and naming as

INVENTOR(S): Simon Doherty, Mark Moir, Victor Luchangco and Maurice P. Herlihy

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, (_____/_____, filed _____) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

ASSIGNMENT OF INVENTION

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on _____, 200__ by _____
Simon Doherty

Executed on _____, 200__ by _____
Mark S. Moir

Executed on _____, 200__ by _____
Victor M. Luchangco

Executed on 6 JAN, 2005 by [Signature]
Maurice P. Hardy