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To the Honorable Commissioner of Patents and Trademark

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documents or copy thereof.

## 1. Name of conveying party(ies):

- (a) Maurice P. Herlihy  
(b) Victor M. Luchangco  
(c) Mark S. Moir

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 CircleCity/State/Zip: Santa Clara, CA 95054Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date(s): (a) September 13, 2005; (b) September 12, 2005;  
and (c) September 8, 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) September 13, 2005;  
(b) September 12, 2005; and (c) September 8, 2005

A. Patent Application No.:

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'BrienInternal Address: Zagorin O'Brien Graham LLPStreet Address: 7600B N. Capital of Texas Hwy, Suite 350City/State/Zip: Austin, TX 787316. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41): \$ 40.00

- ☒ A check is enclosed for the Total Fee shown above  
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## 8. 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.*David W. O'Brien, Reg. No. 40,107  
Name of Person Signing  
Signature14-Sep-05  
DateTotal number of pages including cover sheet: 7**CERTIFICATE OF TRANSMISSION:** I hereby certify that, on the date shown below,  
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Date**EXPRESS MAIL LABEL:**EV 735337968 US**PATENT**  
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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  
Maurice P. Herlihy of Cambridge, England  
Victor M. Luchangco of Cambridge, MA  
Mark S. Moir of Hampton, NH

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: LIGHTWEIGHT REFERENCE COUNTING USING SINGLE-  
TARGET SYNCHRONIZATION, and naming as

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

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.

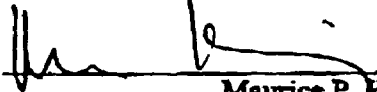
I agree to execute any and all papers useful in connection with any and all United States and  
foreign applications (including international, regional, and foreign national applications), and  
generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees,  
at their request 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 13 Sept., 2005 by   
Maurice P. Herlihy

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Victor M. Luchangco

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Mark S. Moir

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Simon Doherty

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Maurice P. Herlihy

Executed on 12 Sep, 2005 by   
Victor M. Luchanco

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Mark S. Moir

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Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Victor M. Luchangco

Executed on 9/8, 2005 by   
Mark S. Moir