

02-19-2004



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102673411

U.S. DEPARTMENT OF  
COMMERCE  
Patent and Trademark Office

Docket No. **SMY-012.01**

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

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

**Yassir K. Elley, Anne H. Anderson, Stephen  
R. Hanna, Sean J. Mullan and Radia J. Perlman**

Additional name(s) of conveying party(ies) attached?  
( ) Yes (X) No

## 2. Name and address of receiving party(ies)

Name: **Sun Microsystems, Inc.**

2-17-04

## 3. Nature of conveyance

( ) Assignment ( ) Merger  
( ) Security Agreement ( ) Change of Name  
(X) Other Request for Corrected Recordation

Execution Date: **May 5, 1999**

Internal Address: \_\_\_\_\_

Street Address: **M/S PAL1-521, 901 San Antonio Road**City: **Palo Alto** State: **CA** ZIP: **94303**

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

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the filing date of the application is:

A. Patent Application No.(s)

**09/309,045 filed May 10, 1999**

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: **Jeffrey M. Sears**  
Telephone: **(617) 832-1000**

Internal Address: **Foley Hoag, LLP**Street Address: **155 Seaport Blvd**City: **Boston** State: **MA** ZIP: **02210-2600**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41).....**\$40.00**

(X) Enclosed

( ) Authorized to be charged to deposit account

8. (X) Charge any fee deficiency or credit overpayment to Deposit account number: **06-1448; Ref. SMY-012.01**

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**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.*

**Jeffrey M. Sears**  
Name of Person Signing

Signature

**February 11, 2004**  
Date

Total number of pages including cover sheet, attachments, and document: **9**


Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

02/18/2004 DBYRNE 00000008 09309045

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**PATENT**  
**REEL: 014982 FRAME: 0705**

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To the Honorable commissioner of Patents : Please record the attached original document			
<p><b>1. Name of conveying party(ies):</b>          Yassir K. Elley, Anne H. Anderson, Stephen R. Hanna, Sean J. Mullan and Radia J. Perlman</p> <p style="text-align: right; font-size: 1.2em;"><i>1.12.00</i></p> <p>Additional name(s) of conveying party(ies) attached? _____ Yes <input checked="" type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies):</b></p> <p>Name: Sun Microsystem, Inc.</p> <p>Street Address: M/S PALI-521, 901 San Antonio Road</p> <p>City: Palo Alto</p> <p>State: CA Zip: 94303</p> <p>Additional name(s) &amp; address(es) attached? _____ Yes <input checked="" type="checkbox"/> No</p>		
<p><b>3. Nature of conveyance:</b></p> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement</p> <p><input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: May 5, 1999</p>	<p><b>4. Application number(s) or patent number(s):</b></p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> <p>A. Patent Application No. 09/309,045                filed May 10, 1999</p> </td> <td style="width: 50%;"> <p>B. Patent No. (s)</p> </td> </tr> </table> <p>Additional numbers attached? _____ Yes <input checked="" type="checkbox"/> No</p>	<p>A. Patent Application No. 09/309,045                filed May 10, 1999</p>	<p>B. Patent No. (s)</p>
<p>A. Patent Application No. 09/309,045                filed May 10, 1999</p>	<p>B. Patent No. (s)</p>		
<p><b>5. Name and address of party to whom correspondence concerning document should be mailed:</b></p> <p>Name: Yong S. Choi          Cesari &amp; McKenna</p> <p>Street Address: 30 Rowes Wharf</p> <p>City: Boston State: MA Zip: 02110</p>	<p><b>6. Total number of applications and patents involved:</b> ..... 1</p> <p><b>7. Total fee (37 CFR 3.41)</b> ..... \$40.00</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><b>8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)</b></p>		
<b>DO NOT USE THIS SPACE</b>			
<p><b>9. Statement and signature.</b>  <i>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.</i></p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 30%;"> <p><i>Handwritten Signature</i></p> <p>Yong S. Choi, Reg. No. 43,324</p> </div> <div style="width: 30%; text-align: center;"> <p>Signature</p> </div> <div style="width: 30%; text-align: right;"> <p>Date: January 12, 2000</p> <p>Total number of pages comprising cover sheet: 1</p> </div> </div>			

### ASSIGNMENT

Whereas We, Yassir K. Elley, who reside at 375A Harvard Street, #27A, Cambridge, MA 02138, Anne H. Anderson, who reside at 28 Minuteman Road, Acton, MA 01720, Stephen R. Hanna, who reside at 3 Beverly Road, Bedford, MA 01730, Sean J. Mullan, who reside at 66 Katherine Road, Watertown, MA 02472, and Radia J. Perlman, who reside at 10 Huckleberry Lane, Acton, MA 01720, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHOD AND SYSTEM FOR DYNAMIC ISSUANCE OF GROUP CERTIFICATES, identified by Cesari and McKenna File No. 112047-0012, which application was executed by us on

5/5/99; and

Whereas Sun Microsystems, Inc., whose address is M/S PAL1-521, 901 San Antonio Road, Palo Alto, CA 94303, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions

and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the dates indicated next to our names.

5/5/99  
Date

Yassir K. Elley  
Yassir K. Elley, Inventor

5/5/99  
Date

Anne H. Anderson  
Anne H. Anderson, Inventor

5/5/99  
Date

Stephen R. Hanna  
Stephen R. Hanna, Inventor

5/5/99  
Date

Sean J. Mullan  
Sean J. Mullan, Inventor

5/5/97  
Date

Radia J. Perlman  
Radia J. Perlman, Inventor