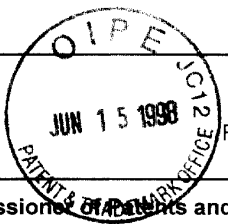


FORM PTO-1594  
1-31-92



RECO

06-23-1998



100745767

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No.  
06502.0054-00000

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

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies): Ann M. Wollrath, James H. Waldo, Peter C. Jones

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date: June 8, 1998

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

Name: Sun Microsystems, Inc.

Internal Address:

Street Address: 901 San Antonio Road, MS UPAL 1-521

City: Palo Alto

State: CA Zip Code: 94303

Additional name(s) & Address(es) attached?

☐ Yes ☒ No

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:

A. Patent Application Number(s):

09/044,933

B. Patent Number(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jeffrey A. Berkowitz

Internal Address:

Street Address: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)

☐ Authorized to be charged to deposit account

8. Deposit account number: 06-0916

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 A. Berkowitz  
Reg. No. 36,743

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

PATENT  
REEL: 9251 FRAME: 0347

**ASSIGNMENT**

WHEREAS We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

**METHOD AND APPARATUS FOR TRANSPORTING BEHAVIOR IN AN EVENT-BASED DISTRIBUTED SYSTEM**

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on March 20, 1998 (Serial No. 09/044,933); and

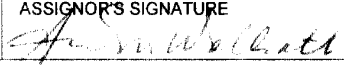
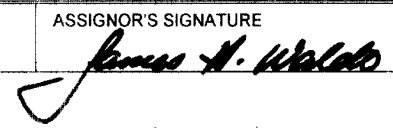
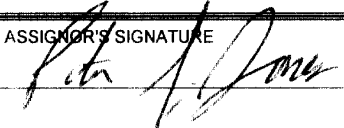
WHEREAS, Sun Microsystems, Inc., a corporation of California whose post office address is 901 San Antonio Road, MS UPAL 1-521, Palo Alto, California 94303 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application Serial No. 60/076,048, filed February 26, 1998, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

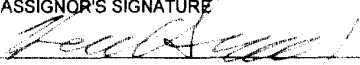
AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Ann M. WOLLRATH	ASSIGNOR'S SIGNATURE 	DATE 8 June 1998
ADDRESS Nine Northwoods Road, Groton, MA 01450		CITIZENSHIP United States
2. FULL NAME OF SECOND ASSIGNOR, IF ANY James H. WALDO	ASSIGNOR'S SIGNATURE 	DATE 8 June 98
ADDRESS 155 Ruby Road, Dracut, MA 01826		CITIZENSHIP United States
3. FULL NAME OF THIRD ASSIGNOR Peter C. JONES	ASSIGNOR'S SIGNATURE 	DATE June 8, 1998
ADDRESS 85 Bacon Street, Winchester, MA 018900		CITIZENSHIP United States

SOLE/JOINT INVENTION  
(Worldwide Rights)

2. FULL NAME OF FOURTH ASSIGNOR, IF ANY Kenneth C.R.C. ARNOLD	ASSIGNOR'S SIGNATURE 	DATE 8/5/98
ADDRESS Seven Moon Hill Road, Lexington, MA 02173		CITIZENSHIP United States