FORM PTO-1595 1-31-92

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

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

Name: Sun Microsystems, Inc. Street Address: 901 San Antonio Road

[] Yes [X] No

City: State: Zip: Palo Alto, CA 94303

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

Name of conveying party(ies): 1.

Shailender Chaudhry and Marc Tremblay

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

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

[] Other

Execution Date:

May 5, 1999

Application number(s) or patent number(s): 09 3/3229 4.

If this document is being filed together with a new application, the execution date of the application is: May 5, 1999

A. Patent Application No.(s):

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: A. Richard Park

Park & Vaughan Shower Shannon Ave.,

Palo Alto, CA 94306 40.00 0P FC:581

Attorney Docket No.: SUN-P3902-PJM

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. Deposit account number:

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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.

A. Richard Park

Name of Person Signing

Total number of pages including cover sheet, attachments and document: [3]

PATENT

REEL: 010000 FRAME: 0356

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Shailender Chaudhry Marc Tremblay 557 ARBALLO DRIVE, SAN FLANCISCO, C4 94132. 3770 Flora Vista Ave. #1007, Santa Clara, CA 95051 140 Hanna Way, Menlo Park, CA 94025

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

Supporting Space-Time Dimensional Execution by Selectively Versioning Memory Updates

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

X	On the $\frac{5^{1/4}}{}$ day of _	May	, 19 <u>99</u>
	Or	,	
	Said application having	g Application Number_	_ and filed on; and

WHEREAS, <u>Sun Microsystems</u>, <u>Inc.</u> a corporation of the State of <u>Delaware</u>, having a place of business at <u>901 San Antonio Road</u>, <u>Palo Alto</u>, <u>CA 94303</u>, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense

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incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

Mandhy	5/5/99	
Shailender Chaudhry	Date	
San Jan 6 kg	5/5/99	
Marc Tremblay	Date	
	Date	
	Date	
	Date	