

01-19-1999



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1 SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

FORM PTO-1595

1-31-91

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

1 Name of conveying party(ies):

Thulasiraman Jayaraman

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

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

Name: Sun Microsystems, Inc.
Street Address: 901 San Antonio Road
City: State: Zip: Palo Alto, CA 94303

3 Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

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

Yes No

Execution Date: December 21, 1998

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

09222088

If this document is being filed together with a new application, the execution date of the application is: December 21, 1998

A. Patent Application No.(s):

Additional numbers attached? Yes No

B. Patent No.(s):

12/29/98

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

Name: A. Richard Park
Law Offices of Richard Park
399 Sherman Ave, Suite 5
Palo Alto, CA 94306

Attorney Docket No.: SUN-P3466-AES

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00
 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.

01/2/1999 09H00S 00000413 09222088

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A. Richard Park
Name of Person Signing

Signature

December 29, 1998
Date

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

1525 U.S. PTO
09/222088



12/29/98

SOLE TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned, Thulasiraman Jeyaraman, (hereinafter termed "Inventor'), having a residence at 3586 Payne Ave. #10, City of San Jose, State of California has invented certain new and useful improvements in:

Propagating Updates Efficiently in Hierarchically-Structured Data

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

X On the ___ day of _____, 19 ___;

Or

_____ Said application having Application Number ___, and filed on the ___ day of ___.

WHEREAS Sun Microsystems, Inc. a corporation of the State of Delaware, having a place of business at 901 San Antonio Road, Palo Alto, CA 94303 (hereinafter termed "Assignee"), wishes to acquire 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 by said Inventor (hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

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

1. Said Inventor does hereby sell, assign, transfer and convey to 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 in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventor hereby covenants and agrees 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 other countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, executing 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 complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor 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, and his or her heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that the inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee on the date of acknowledgment before the Notary Public as given below.

i Thulasiraman 12/21/98
Thulasiraman Jeyaraman

State of _____)
County of _____)

On _____ before me, _____, personally appeared _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature