

07-15-2003



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

1. Name of conveying party(ies):

Douglas A. WILLOUGHBY

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

Name and address of receiving party(ies)

Sun Microsystems, Inc., a Delaware corporation
4150 Network Circle
Santa Clara, CA 95054

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

00746 U.S. PTO
10/610618

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: June 23, 2003

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: June 25, 2003
A. Patent Application No.(s)
Attorney Docket No.: 10,610618
B. Patent No.(s)
Additional numbers attached? Yes No

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

Name: William J. Kubida
Internal Address: Hogan & Hartson LLP
One Tabor Center
1200 17th Street, Suite 1500
Street Address: same as above
City: Denver State: CO Zip: 80202

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:
50-1123
(Attach duplicate copy of this page if paying by deposit account)

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.

Carol W. Burton, Esq. _____ CWB _____ 06.30.2003
Name of Person signing Signature Date

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

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ASSIGNMENT

WHEREAS, I, Douglas A. WILLOUGHBY, having a residence address of 71 S. Berkshire St. Bloomfield Hills, MI 48302, have made a certain new and useful invention relating to a A SYSTEM AND METHOD FOR COMPUTER BASED SEARCHES USING GENETIC ALGORITHMS, for which I am making or I have made application for Letters Patent of the United States, said application being identified by Docket No. P9593 and Client/Matter No. 80168.0341 in the law firm of Hogan & Hartson, L.L.P. One Tabor Center, 1200 Seventeenth Street, Suite 1500, Denver, Colorado, 80202, and which is executed concurrently herewith, and

WHEREAS, I now own the entire right, title and interest therein; and

WHEREAS, Sun Microsystems, Inc., hereinafter ASSIGNEE, a Delaware corporation, whose post office address is 4150 Network Circle, Santa Clara, California 95054, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

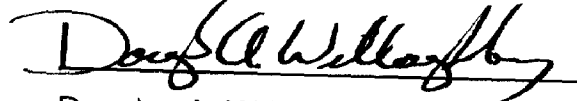
NOW THEREFORE, upon consideration of my employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, I do hereby sell and assign unto ASSIGNEE and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, and inventor's certificates, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant with ASSIGNEE that I will not execute any writing or do any act whatsoever conflicting with this assignment, and that I will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates,

or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, I have hereunto set my hand on the date hereinafter set forth.

Date: June 23, 2003



Douglas A. WILLOUGHBY