05-20-2003

FORM PTO-1595 1-31-92 RE



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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

o the Assistant Commissioner for Patents and Trademarks: Please record the	ne attached original documents or copy thereof.
Name of conveying party(ies): Jusephus C. Ebergen, Ivan E. Sutherland, Danny Cohen Alditional name(s) of conveying party(ies) attached? [] Yes [X] No	2. Name and address of receiving party(ies): Name: Sun Microsystems, Inc. Street Address: 4150 Network Circle City: State: Zip: Santa Clara, CA 95054
3. Nature of conveyance:	Additional name(s) & address(es) attached?
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	[] Yes [X] No
Execution Date: May 5 7003	15/2003 DTESSEM1 00000022 10436577
4. Application number(s) or patent number(s):	FC:8021 40.00 OP
If this document is being filed together with a new application, the execution	1 date of the application is: May 5, 2003
A. Patent Application No.(s): Additional numbers attached? [] Yes [] No	B. Patent No.(s):
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: A. Richard Park Park, Vaughan & Fleming LLP 508 Second Street, Suite 201 Davis, CA 95616	7. Total fee (37 CFR 3.41)
	8. Deposit account number:
Attorney Docket No.: SUN-P8849-SPL	
DO NOT USE THIS SPACE	
Statement and signature. To the best of my knowledge and belief, the foregoing information the original document.	is true and correct and any attached copy is a true copy of
A. Richard Park Name of Person Signing Signatur	May 12, 2003 Date
Fotal number of pages including cover sheet, attachments and document: [.	3]

#corporate power of attorney

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Bernd J.W. Mathiske Tech Yang Lee 10181 Bilich Place, Cupertino, CA 95014 Redwood City, CA 94065

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

REDIRECTING EXTERNAL MEMORY ALLOCATION OPERATIONS TO AN INTERNAL MEMORY MANAGER

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

<u>X</u> .	On the <u>5th</u> day of <u>May</u> , 2003;
	Or
	Said application having Application Number and filed on; and

WHEREAS, Sun Microsystems, Inc. a corporation of the State of Delaware, having a place of business at 4150 Network Circle, Santa Clara, CA 95054, (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.

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

- 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 reiss to 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 regal proceedings involving said invention and any applications therefor and any patents granted thereon, including egal proceedings involving said invention and any applications proceedings, cancellation proceedings, priority contests, without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, sublic use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said

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PATENT REEL: 014072 FRAME: 0450 public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

- The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, 3. assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 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.

Jer.	3 May 2003	
Josephus C. Ebergen	Date	
Em & Smitin	3 mm 03	
Ivan E. Sutherland	Date	
"DEM	MAY 5, 03	
Danny Cohen	Date	
STEAR.	-	
	Date	

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Date

PATENT REEL: 014072 FRAME: 0451

RECORDED: 05/12/2003