	D2 ER SHEET	
To the Henerakle commissions		PTO
To the Honorable commissione Please record the attached or. 10228998		9532
1. Name of conveying party(ies): William Clinger	2. Name and address of receiving party(ies):	1036
11/15/02	Name: Sun Microsystems, Inc.	i,
Additional name(s) of conveying party(ies) attached? Yes X_ No	Street Address: 901 San Antonio Road MS PALI-521 City:Palo Alto	
	Chy.rato Arto	
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name	State:CA Zip:94303	
Other	Additional name(s) & address(es) Attached? Yes X_No	
Execution Date: November 14,2002	Attached:iesNo	
4. Application number(s) or patent number(s):		
date of the application is: November 14, 2002 A. Patent Application No.(s)	B. Patent No. (s)	
Additional numbers attached 5. Name and address of party to whom	? Yes No 6. Total number of applications and	
correspondence concerning document should be mailed:	patents involved:1	
Name: Joseph H. Born	7. Total fee (37 CFR 3.41) \$40.00 <u>X</u> Enclosed	447
Street Address: Cesari and McKenna, LLP	Authorized to be charged to depo	
88 Black Falcon Avenue City: Boston State: MA Zip: 02210	8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT U	SE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing informate copy of the original document.	tion is true and correct and any attached copy is a true	
Joseph H. Born, Reg. No. 28,283	November 15, 2002	
Name of Person Signing Signatur	Total number of pages comprising coverages	er sheet: 3
11/19/2002 BNGUYEN1 00000047 10295325 05 FC:8021 40.00 OP		

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ASSIGNMENT

Whereas I, William D. Clinger, whose residence address is 16 Appleton Common, Franklin, MA 02038, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled Eliminating Write Barriers for Young Objects, identified by Cesari and McKenna File No. 112047-0054, which application was executed by me on

Whereas Sun Microsystems, Inc., whose address is 901 San Antonio Road, MS PALI-521, Palo Alto, CA 94303, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

- 1. Assign, transfer, and convey to Assignee my entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
- 4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
- 5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to

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Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment as an instrument under seal on the date indicated next to my name.

14 November 2002 William O Clinger

Date William D. Clinger, Inventor

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RECORDED: 11/15/2002