FORM PTO-1595 1-31-92	10-17-2002	♦ SHEET U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 03307.0030 Attorney Customer Number: 22,85
To the Honorable Commiss. Please record the attached origin	102252327	ATTN. BOX ASSIGNMENTS
1. Name of conveying party(i	es):	2. Name and address of receiving party(ies):
Eduard Karel DE JONG	10-9-02	Name: SUN MICROSYSTEMS INC.
Additional name(s) of conveying pa	rty(ies) attached? 🗌 Yes 🛛 No	Internal Address: MS PALI-521
3. Nature of conveyance:	PECT	Street Address: San Antonio Road
Assignment	Merger 0 9 2002	City: Palo Alto
Security Agreement	Change of Name	State: CA Zip Code: 94303
Other:		Additional name(s) & Address(es) attached?
Execution Date: August 6, 2002		☐ Yes
4. Application number(s) or p the application:	patent number(s): If this document is t	being filed together with a new application, the execution date
A. Patent Application Numbe	r(s):	B. Patent Number(s):
10/148,927		
	Additional numbers attached?	I □ Yes
5. Name and address of part concerning document sho	y to whom correspondence uld be mailed:	<ul> <li>6. Total number of applications and registrations involved:</li> <li>1</li> </ul>
Name: Mr. Ernest F. Chapman		7. Total fee (37 CFR 3.41): \$40
		Enclosed (Please charge deficiency to deposite account)
		Authorized to be charged to deposit accoun
& DUNNER, L		
Street Address: 1300   Street,	N.W.	
City: Washington, D.C.		
State: Zip	20005-3315	8. Deposit Account No.: 06-0916
9. Statement and signature.		
To the best of my knowledge and b document.	belief, the foregoing information is true	e and correct and any attached copy is a true copy of the origi
Ernest F. Chapman	5.0	October 9, 2002
Reg. No. 25,961	Sign Sign	nature Date
Total nu	mber of pages including cover sheet,	
	7	
10/16/2002 ANNED1 00000054 10146	927	
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		PATENT REEL : 013378 ERAME: 0327

REEL: 013378 FRAME: 0327

SOLE/JOINT INVENTION (U.S. Rights only)

## ASSIGNMENT

#### WHEREAS, I/WE:

### DE JONG, Eduard Karel

a citizen of the Netherlands

residing at Oudezijds Achterburgwal 142 (3 hoog) NL-1012 DV AMSTERDAM the Netherlands

as assignor(s), have made an invention entitled:

#### **Computer arrangement using non-refreshed DRAM**

for which I/we have:

- (a) filed an application for United States Letters Patent on (Serial No.
- (b) executed an application for United States Letters Patent on and respectively; and

national phase of international application PCT/NL00/00901 filed 6 December 2000 WHEREAS, Sun Microsystems Inc.

a corporation of the U.S.A. whose post office address is:

San Antonio Road MS PALI-521 Palo Alto California 94303 U.S.A.

as assignee, is desirous of securing the entire right, title, and interest in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/we, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/we hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

# PATENT REEL: 013378 FRAME: 0328

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).

Witness: Elainelle (Signature of first or sole assignor) Elaine K. Lee Date August 6, 2002

Witness: Stacie Mr. Shotvell Stacie M. Shotwell

**RECORDED: 10/09/2002**