02-11-2005

Attorney Docket No. SUN04-0448

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

1-31-92	LILENIO UN	NLY Patent and Trademark Office			
To the Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Robert J. Proebsting, Ronald Ho, Robert J. Dro	ost	2. Name and address of receiving party(ies): Name: Sun Microsystems, Inc. Street Address: 4150 Network Circle	0 =		
Additional name(s) of conveying party(ies) attack	hed? [] Yes [X] No		594(
3. Nature of conveyance:		Additional name(s) & address(es) attached?	1/0459		
	One of Name	[] Yes [X] No	11		
Execution Date: January 10, 2005					
4. Application number(s) or patent number	er(s):				
If this document is being filed together with a ne	w application, the execution	n date of the application is: January 10, 2005			
A. Patent Application No.(s):		B. Patent No.(s):			
Additional numbers attached? []	Yes [] No				
5. Name and address of party to whom condocument should be mailed:	rrespondence concerning	6. Total number of applications and patents involved: [1]			
Name: Richard A. Park Park, Vaughan & Fleming LLP 2820 Fifth Street,		7. Total fee (37 CFR 3.41) [X] Enclosed [] Authorized to be charged to deposit according to the charged to the charge			
Davis, CA 95616 Attorney Docket No.: SUN04-0448		8. Deposit account number:	=		
DO NOT USE THIS SI	PACE				
9. Statement and signature. To the best of my knowledge and belief, the original document.	the foregoing information i	is true and correct and any attached copy is a true copy	of		
Richard A. Park Name of Person Signing	Signature	<u>January 27, 2005</u> Date	į		
Total number of pages including cover sheet, attachments and document: [5]					

02/04/2005 HLE333 00000057 11045940

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CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Robert J. Proebsting Ronald Ho Robert J. Drost 20765 Phoenix Lake Road, Sonora, CA 95370 2761, Doverton Square, Mountain View, CA 94040 112 Montelena Court, Mountain View, CA 94040

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

LOW-POWER MEMORY WRITE CIRCUITS

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>10</u> day of <u>January</u> , 20 <u>05</u> ;					
	Or					
	Said application having Application Number and filed on_; and					

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

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

- 1. 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 reissue 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 legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests,

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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.

- 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(s), their respective heirs, legal representatives and assigns.
- 4. 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.

 Mont street	1/10/05	
Robert J. Proebsting	Date	
Ronald Ho	Date	
Robert J. Drost	Date	
	Date	
	Date	

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Robert J. Proebsting Ronald Ho Robert J. Drost 20765 Phoenix Lake Road, Sonora, CA 95370 2761, Doverton Square, Mountain View, CA 94040 112 Montelena Court, Mountain View, CA 94040

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(hereinafter termed "patents") thereon granted in the United States and foreign countries.

LOW-POWER MEMORY WRITE CIRCUITS

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

inventi	ion:
<u>X</u>	On the <u>10</u> day of <u>January</u> , 20 <u>05</u> ;
	Or
	Said application having Application Number and filed on_; and
Netwo	WHEREAS, <u>Sun Microsystems</u> , <u>Inc.</u> a corporation of the State of <u>Delaware</u> , having a place of business at <u>4150</u> ork Circle, <u>Santa Clara</u> , <u>CA 95054</u> , (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title
and int	terest in and to said application and the invention disclosed therein, and in and to all embodiments of the
invent	ion, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter

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

termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection

- 1. 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 reissue 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 legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests,

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- 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(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.

Robert J. Proebsting	Date	
	8 lizloy	
Ronald Ho	Date	
That The	8/12/04	
Robert J. Drost	Date	
	Date	
	Date	

RECORDED: 01/27/2005