01-10-2005

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PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Assistant Co	ommissioner for Patents an	nd Trademarks: Please recor	d the attache	ed original documents or copy thereof.	8. PT
Oleg A. Pliss, Ber	conveying party(ies):		2. Nam	ne and address of receiving party(ies): Name: Sun Microsystems, Inc. Street Address: 4150 Network Circle City: State: Zip: Santa Clara, CA 950	113014 U.S. PT 11/020966
3. Nature of	conveyance:		Additio	onal name(s) & address(es) attached?	
	nment in duplicate ty Agreement	[] Merger [] Change of Name		[] Yes [X] No	
Execution Date: _	December 19, 2004				
4. Applicati	on number(s) or patent nur	mber(s):			
If this document is	being filed together with a	new application, the execu	tion date of	the application is: December 19, 2004	
Ì	Application No.(s):			B. Patent No.(s):	
Add	itional numbers attached?	[] Yes [] No			
	address of party to whom should be mailed:	correspondence concerning	6.	Total number of applications and patents involved: [1]	5
Park, Va	Name: Edward J. Grundler Park, Vaughan & Fleming LLP 508 Second Street, Suite 201		7.	Total fee (37 CFR 3.41)[X] Enclosed [] Authorized to be charged to deposit	-
Davis, C			8.	Deposit account number:	
Attorney	Docket No.: SUN04-09900	CIP			
T	O NOT USE THIS	CDACE			
	O NOT OSE THIS	SIACE			
To the bes	and signature. It of my knowledge and bel al document.	lief, the foregoing informati	on is true an	nd correct and any attached copy is a true o	copy of
Edward J.		Extend Kar	when	December 22, 2004	
Name of I	Person Signing	Signat	ure	Date	ĺ
Total number of pages including cover sheet, attachments and document: [5]					

#corporate power of attorney 12/30/2004 DTESSEM1 00000044 11020966

FORM PTO-1595

1-31-92

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PATENT REEL: 016124 FRAME: 0537

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Oleg A. Pliss Bernd J.W. Mathiske Kinsley Wong 2200 Agnew Rd. #304, Santa Clara, CA 95054 10181 Bilich Place, Cupertino, CA 95014 2031 35th Avenue, San Francisco, CA 94116

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

METHOD AND APPARATUS FOR KEEPING TRACK OF MEMORY USAGE FOR TASKS IN A SHARED HEAP

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 19 day of	DECEMBER	, 20 0 4 ;
	Or		
	Said application havir	ng 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</u> <u>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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PATENT REEL: 016124 FRAME: 0538

Attorney Docket No. SUN04-0990CIP

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.

Oleg A. Pliss	Date 12/19/04
Bernd J.W. Mathiske	Date
Kinsley Wong	Date
	Date

Date

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Oleg A. Pliss Bernd J.W. Mathiske Kinsley Wong 2200 Agnew Rd. #304, Santa Clara, CA 95054 10181 Bilich Place, Cupertino, CA 95014 2031 35th Avenue, San Francisco, CA 94116

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

METHOD AND APPARATUS FOR KEEPING TRACK OF MEMORY USAGE FOR TASKS IN A SHARED HEAP

and har	ve executed a declaration or oath for an application for a United States patent disclosing and identifying the on:			
<u>X</u>	On the 1954 day of DECEMBER, 2004;			
	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			

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> <u>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.
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Attorney Docket No. SUN04-0990CIP

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- 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 Assignce as of the dates written below.

Ode	12/07/2004	
Oleg A. Pliss	Date	
Bernd J.W. Mathiske	Date	
Kinsley Wong	Date	
King Ung	12/08/2004	····
_	Date	
	Date	

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RECORDED: 12/22/2004